



**LRA by ELISA/ACT®**

*Available exclusively through*  
**ELISA/ACT Biotechnologies LLC**

# PROFESSIONAL CATALOG

THIS OVERVIEW FOR HEALTHCARE PROFESSIONALS PROVIDES A  
COMPLETE GUIDE TO IMPLEMENTING

**LRA BY ELISA/ACT®**

PROVEN TESTS AND TREATMENT PLANS IN YOUR PRACTICE

**ELISA/ACT Biotechnologies LLC**

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# LRA by ELISA/ACT®

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## IMPORTANT NOTE

*LRA by ELISA/ACT tests are direct payment only.  
We do not accept insurance assignment.  
Payment must be submitted with sample.*

Testing details and other important information can be found in this catalog.

For any additional information please contact Client Services at **1.800.553.5472** or **ClientServices@ELISAACt.com**.

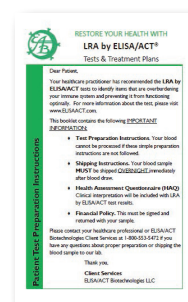
## QUICK START

**1. Complete Account Set-Up form** to open ELISA/ACT account. Test kits can then be ordered. (see page 8 for details)

**2. Phlebotomy:** Review blood draw instructions (see page 22 for phlebotomy instructions).

**3. Give patient the Test Prep Booklet** at least 4 days prior to blood draw. (see page 9 for patient instructions)

**4. Select tests to be performed.** (see pages 10-21 for test menu)



SYMPTOM / CONDITION	RECOMMENDED TEST PANEL
Simple, recent onset	Basic or Enhanced Basic
Complex, multi-system, long term	Comprehensive, Professional's Choice, or All Inclusive

**5. Complete requisition form.**

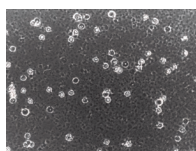
**6. Schedule patient for blood draw** or give patient the kit to take to blood draw location.

**7. OVERNIGHT sample** to ELISA/ACT Biotechnologies using the return shipping label & bag provided.

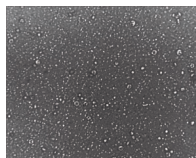
# What Are The Causes Of Chronic Disease And Autoimmunity?



**Cells Speak...  
We Listen**



**Reactive**



**Non- Reactive**

The Lymphocyte Response Assay (LRA) by ELISA/ACT®, developed by ELISA/ACT Biotechnologies LLC (EAB), makes it possible to examine the general health of a patient's immune system by monitoring delayed hypersensitivity responses to over 500 common substances. The tests identify reactive substances, which may be provoking the patient's chronic condition. Patients are also provided a personalized treatment plan to help eliminate these sensitivities and restore overall health.

One of the major advancements in medicine in recent years has been our expanded understanding of the immune system and its far broader and more important role in general health and wellness. Initially, it was thought that our immune system was only involved in defending our bodies against threatening agents such as bacteria, viruses, and environmental "invaders". Medical science has now come to recognize that the immune system has defense as well as repair capabilities. The defense component of the immune system fights off the "invaders" that create disease, while the repair component plays an important role in restoring tissue and organs from damage that the disease state may have caused. If either the defense or repair function becomes overburdened or overstressed, immune dysfunction and disease may result.

Recent studies have shown that when the defense elements or lymphocytes (type of white blood cells) of the immune system are burdened due to the effects of foreign antigens, the vital repair process suffers. Organs and tissue weaken over time, and the body's ability to fight off future assaults is reduced. The effect of immune system dysfunction can result in chronic inflammatory and autoimmune diseases that often defy treatment.

The most common assaults that pose the greatest burden to our immune system on a daily basis are digestive remnants and environmental antigens. By identifying these antigens and eliminating them from our exposure, the immune burden can be reduced or eliminated, allowing the defense and repair systems to return to optimal function. The result is improved, sustainable health.

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**Note: For additional literature, please contact EAB's Client Services Department at 800.553.5472.**

# How Is LRA by ELISA/ACT™ Testing Unique?

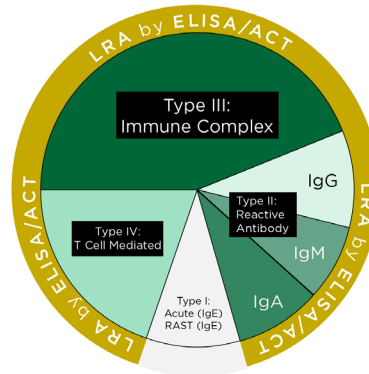
LRA by ELISA/ACT tests are the first and only blood tests that provide a **complete** evaluation of the body's delayed immune response. A special blood drawing system, combined with simple patient test preparation instructions, prevents activation of lymphocytes prior to analysis. ELISA/ACT receives the patient's one-ounce blood sample within 24 hours and analyzes it promptly.

## LRA by ELISA/ACT tests are:

**Comprehensive-** The only test that detects all 3 delayed allergy pathways (Type II, Type III, and Type IV) and offers the most items for testing.

**Functional-** Identifying only symptom provoking reactive substances, not merely the presence of antibodies, which can be harmful or protective.

**Ex-vivo-** The unique ex vivo system tests the lymphocytes as though they are still in the bloodstream being exposed to foreign invaders, thereby, providing highly specific and accurate information.



This complete assessment of delayed reactions is useful to patients and physicians in developing a cost-effective, individualized treatment plan to improve the patient's overall health.

## LRA by ELISA/ACT vs Other Delayed Allergy Tests

**LRA by ELISA/ACT tests:** LRA tests look directly at lymphocytes and only those items that cause reactions are identified.

**LRA vs Antibody tests (IgG, IgG4):** IgG tests measure the presence and amount of antibodies to certain items. By not distinguishing between symptom provoking and protective antibodies however, these tests produce many false positives, making it more difficult for patients to comply with the program. In contrast, the LRA by ELISA/ACT method identifies only reactive lymphocytes, providing the most accurate and specific results possible.

**LRA vs Cytotoxic (or Cell Size) Tests:** Cytotoxic or cell size tests use a device to detect and count particles in the blood that are over a particular size (10 microns). Unfortunately, reactive lymphocytes are not the only particles that are detected using this method and therefore the method produces low accuracy and reproducibility. The LRA by ELISA/ACT tests report on observable lymphocyte reactions only, producing accurate, specific and reproducible results.

## LRA Success Stories

"In the past decade of my practice, I have been using the elimination/provocation test, when appropriate, combined with the LRA by ELISA/ACT...In my opinion and experience, this is the state-of-the-art in food sensitivity detection."

**Zoltan P. Rona, MD**

Toronto, Ontario, Canada

from *Return to the Joy of Health*, p. 69

"I have found LRA by ELISA/ACT to be the most accurate and cost-effective means of detecting delayed hypersensitivities. The program provides the most powerful tool for health regeneration that I have encountered for patients with chronic immune conditions such as fibromyalgia, diabetes, arthritis, and multiple sclerosis, to name a few."

**Susan E. Brown, Ph.D., CCN**

Author of *Better Bones, Better Body*

"I have worked with ELISA/ACT for the last 20 years and have found LRA by ELISA/ACT to be the most reliable and effective solution to solving my patients' chronic health conditions."

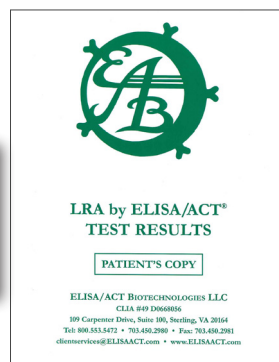
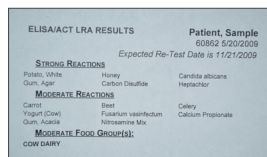
**Norm Schwartz, MD**

Milwaukee, WI

## Personalized Test Results

Patient results are sent to physician 7 to 10 business days after sending in a sample. The comprehensive results report includes:

- An accurate, detailed report identifying up to 505 substances as nonreactive, moderately reactive, or strongly reactive
- An easy-to-use guide explaining each reactive item, along with suggestions for substitutions
- A laminated wallet card listing reactive items, helpful when grocery shopping or dining out.
- Optional, individualized, nutritional supplement, and behavioral recommendations based on the patient's health assessment questionnaire completed prior to the test (if requested)
- A copy of 'Joy in Living: The Alkaline Way', explaining the LRA by ELISA/ACT program and how to easily and effectively incorporate the program into the patient's lifestyle.



### LRA Success Stories

"I have not had any migraines since I started on the LRA by ELISA/ACT program after having them for 20 years. It's great to be free of them."

*A patient from Herndon, VA\**

"The LRA by ELISA/ACT has made a tremendous impact on my quality of life. I lost 35 pounds and feel stronger and more energetic each day."

*A patient from Washington, DC\**

"I was amazed at my fast recovery from a four-year struggle with chronic fatigue syndrome and depression once I began the LRA by ELISA/ACT program. I have returned to work, and my energy level and health are stronger than before I got sick. I never thought I could be this healthy."

*A patient from Newton, MA\**

"Just three days after starting the LRA by ELISA/ACT program, my chronic back and joint pain disappeared and have not come back. I am able to exercise regularly and have never felt stronger."

*A patient from Ghana\**

\*Names and reports on file with EAB

### A Window of Opportunity to Repair and Restore Tolerance

To begin the process of repairing the immune system, ELISA/ACT Biotechnologies recommends substitution of reactive items with non-reactive alternatives for 3 –6 months, depending on the severity of the reaction. After this period, the patient can slowly add these substances back to his/her diet one at a time, usually without experiencing any symptoms. Upon following the LRA by ELISA/ACT program, patients likely will notice health improvements in as soon as a few days or weeks. We recommend a retest within a year to evaluate the patient's progress and identify any new sensitivities.

## About the Founder

# Russell M. Jaffe, Md, PH.D., CCN, NACB



Dr. Russell M. Jaffe is the lab director of ELISA/ACT Biotechnologies LLC and Fellow of the Health Studies Collegium. Through his expertise in non-invasive studies of cells, he developed novel tests for blood platelet survival, fibrinogen survival, platelet aggregation, and lymphocyte response (LRA by ELISA/ACT®). He also developed the first test for traces of blood in stool that is not made falsely negative by ascorbate (vitamin C). Dr. Jaffe received his BS, Ph.D., and MD from the Boston University School of Medicine. He completed residency training in clinical chemistry at the National Institutes of Health (1973 - 1979) and is board certified in Clinical Pathology and in Chemical Pathology. Dr. Jaffe is the recipient of the Merck, Sharp & Dohm Excellence in Research Award, the J.D. Lane Award, and the U.S.P.H.S. Meritorious Service Award. He was also named an International Scientist of the Year (2003) by the International Biographical Commission for his contributions to Medicine, Biochemistry, and Clinical Immunology. Dr. Jaffe teaches and lectures widely on the causes and consequences of immune defense and repair function in health and disease. His research interests focus on outcome studies based on effective, comprehensive care guidelines and practice parameters.

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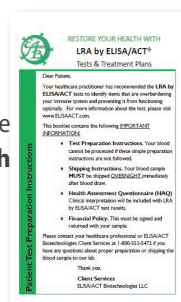
**1) Complete a New Account Setup form to open your account. Test kits can then be ordered from the Client Services department. Each test kit includes:**



- 5 vacutainers (4 large and 1 small)
  - 1 vacutainer holder (hub)
  - 19 gauge butterfly needle
  - Phlebotomy instructions
  - Shipping instructions
  - Large plastic diagnostic bag
  - Alcohol Prep Pad
  - Absorbent Pad
  - FedEx or UPS airbill
  - Requisition form
  - Test prep booklet
  - Cold pack (2 in summer months)
- Note:** vacutainers have an expiration date. Please call for replacements if expired.

**2) Give patient the Test Prep Booklet at least 4 days prior to blood draw date.** (see page 9 of this catalog for patient instructions)

The Test Prep Booklet contains important instructions that must be followed exactly for all of our test panels. The test prep booklet also includes **Financial Policy** (to be signed by patient and returned with sample) and **Health Assessment Questionnaire (HAQ)**.



**3) Review phlebotomy instructions** (page 22).

If you do not have a phlebotomist, we can refer you to a phlebotomy service. The patient will need a kit if the blood is to be drawn outside of your office. If giving kit to patient, please make sure shipping supplies are included.

**4) Choose the test panel to be performed** (pages 10-21)

**TEST SELECTION GUIDE**

SYMPTOM / CONDITION	RECOMMENDED TEST PANEL
Simple, recent onset	Basic or Enhanced Basic
Complex, multi-system, long term	Comprehensive, Professional's Choice, or All Inclusive

**5) Fill out the Requisition Form completely.**

Make sure test is marked and payment or payment information is included. If submitting a Health Assessment Questionnaire, please indicate your choice of generic or brand name supplement recommendations on the requisition form. Contact us for additional information regarding these options.

**IMPORTANT**

**If you draw blood on a Friday, call EAB at 800.553.5472 for special shipping instructions to ensure Saturday delivery.**

**DO NOT draw blood on a Saturday, Sunday, or the day before any U.S. holiday.**

# Patient Preparation Instructions

## Blood Cannot Be Processed If Instructions Are Not Followed

This preparation process minimizes the potential for lymphocyte activation prior to the analysis and avoids medications (steroids, aspirin) and other substances that could interfere with lymphocyte reactions to antigens being tested. These instructions are included in the Patient Test Prep Booklet that should be given to patients at least 4 days prior to the blood draw.

### **Four (4) Days Prior To The Test** (NOTE: Consult with your doctor before stopping any treatment)

- Stop taking steroids and cortisone inhalers, pills and creams. Ask your doctor for the Steroid Bridge to assist with the four-day avoidance.
- Stop taking Enbrel (etanercept), Humira (adalimumab), Remicade (infliximab), Xeljanz (tofacitinib) and other TNF or JAK inhibitors.
- Wait two weeks after the injection of a cortisone suspension.
- Include a complete list of any medications, vitamins, or herbs you have been taking with the sample.
- If taking allergy shots, please contact Client Services for optimal timing of LRA by ELISA/ACT tests.

**NOTE:** Theophylline (aminophylline) may, on rare occasions, interfere with the tests due to its mild antihistamine activity. The patient should be given the option of either taking the test during a drug-free interval or taking the test anyway, and if invalid results occur, retaking the test at no additional charge.

### **Two (2) Days (48 Hours) Prior To The Test**

Stop taking all over-the-counter antihistamines, antihistamine-containing prescriptions, and aspirin (acetyl-salicylate) containing compounds such as:

Alka Seltzer	Bayer	Equagesic	Midol	Sine-Off
Anacin	Bufferin	Excedrin	MonoGesic	Talwin Compound
Arthritis Pain Formula	Ecotrin	Vanquish	Percodan	Triacimicin

(See your doctor or pharmacist to review your medications' aspirin content.) **NOTE:** Some topical shampoos, lotions, creams, etc. contain salicylic acid. While these should not interfere with the test, they should be avoided if possible during the 48-hour period prior to the test.

### **12 HOURS OF WATER-ONLY FASTING IS REQUIRED FOR THE 12 HOURS BEFORE YOUR BLOOD DRAW:**

- Do not eat or drink anything except spring or distilled water.
- Drink plenty of spring or distilled water up until the time of your blood draw.
- Do not take vitamins or medications other than those listed here (see right). Always consult your prescribing physician before stopping your medication.
- From the time of your evening meal until the blood draw the following morning, brush your teeth with water only (no toothpaste).
- Do not wash your hands, hair, or body with anything but water. Avoid smoking and second-hand smoke. Do not use any beauty products or toiletries.

#### **During the 12 Hour fast you may take the following if needed:**

- Birth control pills/estrogens
- Blood pressure medications or water pills
- Insulin or other hormones (such as thyroid hormones)
- Anticonvulsants
- Heart medications, except quinidine
- Coumadin (blood thinner)
- Zovirax (acyclovir)
- Advil, Motrin, Tylenol, and other NSAIDs

### **JUST BEFORE YOUR 12 HOUR FAST BEGINS YOU SHOULD:**

- Take a shower/bath using simple soap and shampoo (nothing with added fragrance, perfume, deodorant, moisturizer, or conditioner). We suggest a glycerin soap, or baby shampoo.
- Do not use any deodorants, body lotions, creams, saline solution, scented hand soap, lip balm, hair products, makeup, or other beauty products after you've washed off.
- You may brush your teeth with toothpaste before the 12 hour fast begins, but not after.

### **THE DAY OF THE BLOOD DRAW:**

- Do not take another shower, use any beauty products or toiletries, or wash your hands/face until after the blood draw.
- Do not brush your teeth with toothpaste, only water.
- Do not eat breakfast or take any medications or vitamins prior to the blood draw.
- Drink lots of spring or distilled water up until time of blood draw.

## Available Test Panels

### OVERVIEW OF COMBINATION TEST PANELS

	LRA by ELISA/ACT TEST panel	# of Foods	# of Environmental Chemicals	# of Additives/Preservatives	# of F, D & C Additives	Includes 28 Molds	Includes 14 Toxic Minerals / Metals	Additional Blocks Included
Recommended for: Simple, Recent - onset conditions	Basic	66	15	15	20	Yes		
	Enhanced Basic	134	15	15	20	Yes		
Recommended for: Complex, Long-Term Conditions	Comprehensive	166	61	27	20	Yes	Yes	
	Comprehensive Testing Plus Medications	166	61	27	20	Yes	Yes	Medications
	Professional's Choice	238	61	27	20	Yes	Yes	
	Professional's Choice Plus	238	61	45	20	Yes	Yes	
	All Inclusive (requires 8 tubes)	238	61	45	20	Yes	Yes	Medications, Dander/ Hair/Feathers, Therapeutic Herbs, Therapeutic Foods

### TEST PANEL SELECTION GUIDE

SYMPTOM / CONDITION	RECOMMENDED TEST PANEL
Simple, recent onset	Basic or Enhanced Basic Pages 11-12
Complex, multi-system, long term	Comprehensive, Professional's Choice or All Inclusive Pages 13-15

**Healthcare professionals may contact Client Services at 800.553.5472 for a current price list.**

# Combination Panels

ELISA/ACT Biotechnologies offers a variety of combination test panels to meet the needs of each patient.

For patients with simple, recent on-set conditions, we recommend the BASIC or ENHANCED BASIC Test Panel.

## BASIC PANEL

**144 ITEMS**

### Foods (66 ITEMS)

Almond	Cinnamon	Grape/Raisin, Green	Peanut	Sugar, Corn
Apple	Coffee, Decaf & Reg	Grape/Raisin, Red	Pear	Tea, Black
Banana	Cola	Grapefruit	Pepper, Black	Tobacco
Barley	Corn (Maize)	Lamb/Mutton	Pork/Bacon/Ham	Tomato
Bean, Soya	Cottonseed Oil	Lemon	Potato, Sweet	Tuna
Beef/Veal	Crab	Lettuce, Romaine	Potato, White	Turkey
Broccoli	Cranberry	Lobster	Rice, Brown	Vanilla
Cabbage/Brussels Sprouts	Cucumber	Milk, Pasteurized (Cow)	Rice, White	Wheat
Cantaloupe/Honeydew	Egg, White (Chicken)	Millet	Rye	Yeast, Baker's
Carrot	Egg, Yolk (Chicken)	Mustard Greens/Spice	Salmon/Lox	Yeast, Brewer's
Cauliflower	Flaxseed / Linseed Oil	Oats	Shrimp	
Cheese, Processed (Cow)	Garlic	Olive	Squash	
Chicken	Ginger	Onion, Yellow	Strawberry	
Chocolate/Cocoa	Gluten	Orange	Sugar, Cane/Sucanat	

### Environmental Chemicals (15 ITEMS)

1,2 Dichlorobenzene	Chloroform	Organophosphates
2,4,5 T	Cis-Dichloroethylene (1,2 Dichloroethylene)	Soap (SDS/SLS)
Benzene	Cyclohexylamine	Toluene
Carbon Tetrachloride	Endrin	Vinyl Chloride
Chlordane	Methylene Chloride (Dichloromethane)	Xylene

### Additives/Preservatives (15 ITEMS)

Aspartame/NutraSweet	Gum, Locust Bean	Propyl Gallate
BHA	MSG (Monosodium Glutamate)	Saccharine
BHT	Nitrates/Nitrites	Sodium Benzoate
Calcium Propionate	Polysorbate 60	Sodium Propionate
Diacetyl (2,3-Butanedione)	Potassium Bromate	Sulfite/Metabisulfite

### Molds (28 ITEMS)

Alternaria alternata	Cladosporium herbarum	Helminthosporium sativum	Rhodotorula
Aspergillus fumigatus	Epicoccum nigrum	Mucor mucedo	Scopulariopsis brevicaulis
Aspergillus niger	Epidermophyton floccosum	Mucor racemosus	Stemphylium botryosum
Aspergillus oryzae	Fusarium solani	Penicillium notatum/chrysogenum	Trichoderma harzianum
Botrytis cinerea	Fusarium vasinfectum	Penicillium roqueforti	Thricothecium roseum
Candida albicans	Geotrichum candidum	Pullularia pullulans	Trichophyton mentagrophytes interdigitale
Cladosporium cladosporioides	Helminthosporium halodes	Rhizopus stolonifer/nigricans	Trichophyton rubrum

### F, D & C Color Additives (20 ITEMS)

Annatto	Carmoisine	FD&C Green #3	FD&C Red #3
FD&C Blue #1	D & C Green #5	D&C Orange #4	FD&C Red #40
FD&C Blue #2	D & C Orange #5	Ponceau 2R	D&C Yellow #10
Brilliant Black	D & C Red #33	Ponceau 4R	FD&C Yellow #5
Carmine/Cochineal	D & C Violet #2	FD&C Red #2	FD&C Yellow #6

## ENHANCED BASIC PANEL

**212 ITEMS**

Includes **BASIC** Test Panel  
and the **additional 68 foods** listed below.

Alfalfa	Caraway Seed	Leek	Rabbit
Algae (Chorella)	Catfish	Macadamia Nut	Radish
Algae (Spirulina)	Chard	Mace	Rapeseed / Canola Oil
Arrowroot	Coriander	Marjoram	Rhubarb
Anchovy	Date	Milk, Raw (Cow)	Rice, Basmati
Anise Seed	Deer / Venison	Nectarine	Rose Hips
Artichoke	Duck / Goose	Okra	Rutabaga
Baking Powder	Endive	Parsnip	Sardine
Bass	Gelatin	Pea, Black-eyed	Scallion / Spring Onion
Bean, Garbanzo	Gin (Juniper Berries)	Pepper, Cayenne	Spearmint
Bean, Navy	Grapeseed Oil	Pepper, White	Tamarind
Blackberry	Hazelnut / Filbert	Perch/Mackerel	Tangerine / Mandarin
Bok Choi	Horseradish	Pimiento	Orange Turmeric
Boysenberry	Hydrogenated Oil	Pistachio	Turnip Greens
Brazil Nut	Kelp/Seaweed	Poppy Seed	Walnut, English
Buffalo	Kombu	Pomegranate	Watercress
Butter, Clarified (Ghee)	Lactoglobulin	Psyllium Seed	Whey

For patients with more complex, long term conditions, we recommend the larger combination panels found on pages 13-15.

# Combination Test Panels

ELISA/ACT Biotechnologies offers a variety of combination test panels to meet the needs of each patient. For patients with complex, long term, multi-system conditions and symptoms we recommend one of the more comprehensive combination test panels (Comprehensive, Comprehensive + Medications, Professional's Choice, Professional's Choice Plus or All Inclusive).

Individual test blocks may also be added to create the specific test panel to meet your clinical needs.

The All Inclusive Test Panel tests all 505 substances offered by ELISA/ACT Biotechnologies.

COMPREHENSIVE TEST PANEL				316 ITEMS
FOODS (166 ITEMS)				
Almond	Cheese, Processed (Cow)	Gladiin	Papaya	Spelt
Amaranth	Cheese, Romano (Sheep)	Gluten	Paprika	Spinach
Apple	Cheese/Milk (Goat)	Grape/Raisin, Green	Parsley	Squash
Apricot	Cherry	Grape/Raisin, Red	Pea, Green/Snow	Strawberry
Asparagus	Chestnut	Grapefruit	Peach	Tilapia
Avocado	Chicken	Haddock	Peanut	Sugar, Beet
Banana	Chive	Honey	Pear	Sugar, Cane/Sucanat
Barley	Chocolate/Cocoa	Hops	Pecan	Sugar, Corn
Basil	Cilantro	Kale	Pepper, Bell	Sugar, Maple
Bay Leaf	Cinnamon	Kamut	Pepper, Black	Sunflower
Bean, Kidney	Clam	Kiwi	Pepper, Chili/Red	Swordfish
Bean, Lima	Clove	Lactalbumin	Peppermint	Tapioca
Bean, Mung	Coconut	Lamb/Mutton	Pineapple	Tarragon
Bean, Pinto	Cod Liver Oil	Lemon	Plum/Prune	Tea, Black
Bean, Soya	Codfish	Lentils, Red, Green	Pork/Bacon/Ham	Thyme
Bean, String/Wax	Coffee, Decaf & Reg	Lettuce, Iceberg	Potato, Sweet	Tobacco
Beef/Veal	Cola	Lettuce, Red Leaf	Potato, White	Tofu
Beet	Collard Greens	Lettuce, Romaine	Pumpkin	Tomato
Blueberry	Corn (Maize)	Lime	Quinoa	Triticale
Broccoli	Cottonseed Oil	Lobster	Raspberry	Trout
Buckwheat/Kasha	Crab	Malt	Rice, Brown	Tuna
Butter, Whole (Cow)	Cranberry	Mango	Rice, White	Turbot/Whitefish
Cabbage/Brussels Sprouts	Cucumber	Milk, Pasteurized (Cow)	Rice, Wild	Turkey
Cantaloupe/Honeydew	Cumin	Millet	Rosemary	Vanilla
Carob	Currant	Molasses	Rye	Walnut Oil, Black
Carrot	Curry	Mushroom	Safflower Oil	Watermelon
Casein (Cow)	Dill	Mustard Greens/Spice	Sage	Wheat
Cashew	Egg, White (Chicken)	Nutmeg	Salicylate	Yeast, Baker's
Cauliflower	Egg, Yolk (Chicken)	Oats	Salmon/Lox	Yeast, Brewer's
Celery	Eggplant	Olive	Scallop	Yogurt (Cow)
Chamomile	Fig	Onion, Yellow	Sesame/Tahini	
Cheese, Brick (Cow)	Flaxseed/Linseed Oil	Orange	Shrimp	
Cheese, Cottage (Cow)	Garlic	Oregano	Snapper	
Cheese, Parmesan (Cow)	Ginger	Oyster	Sole/Flounder/Halibut	

## COMPREHENSIVE TEST PANEL (CONTINUED)

### Environmental Chemicals (61 ITEMS)

1,2 Dichlorobenzene	Cis-Dichloroethylene	Halogenated Biocide	Polyvinylpyrrolidone/Povidone
2,4,5 T	(1,2- Dichloroethylene)	Heptachlor	Propylene Glycol (1,2-Propanediol)
2,4 D	Cyclohexylamine	Hexachlorocyclohexane	Pyrene
2-Methyl Pentane	DBCP (1,2 Dibromo-3-chloropropane)	Isopropyl Ether	Selenium Sulfide
3-Methyl Pentane	DDT	Latex	Silicates/Silicon Dioxide
Aldrin	DEET	Maleic Anhydride	Silicone
Benzaldehyde	Detergent (Synthetic)	Metallic Catalyst	Soap (SDS/SLS)
Benzene	Dibutyl Phthalate	Methoxychlor	Tert-Butyl-Ethyl Ether (TBEE)
Benzopyrene	Dieldrin	Methylene Chloride	Tert-Butyl-Methyl Ether (TBME)
Benzyl Acetate	Endrin	(Dichloromethane)	Tetrachloroethylene
Beryllium Oxide	Ethyl Acetate	Morpholine	Toluene
Carbamates	Ethyl Acetoacetate	Nitrosamine Mix	Trichloroethylene (TCE)
Carbon Disulfide	Ethyl Butyrate	Organophosphates	Vinyl Chloride
Carbon Tetrachloride	Ethylene Dibromide	Pentachlorophenol (PCP) and Solvents	Xylene
Chlordane	Formaldehyde	Petroleum By-Products	
Chloroform	<b>Glyphosate (Available 9/1/2016)</b>	Phenol	
		Phthalates	

### Molds (28 ITEMS)

Alternaria alternata	Cladosporium herbarum	Helminthosporium sativum	Rhodotorula
Aspergillus fumigatus	Epicoccum nigrum	Mucor mucedo	Scopulariopsis brevicaulis
Aspergillus niger	Epidermophyton floccosum	Mucor racemosus	Stemphylium botryosum
Aspergillus oryzae	Fusarium solani Fusarium	Penicillium notatum/chrysogenum	Trichoderma harzianum
Botrytis cinerea	vasinfectum Geotrichum	Penicillium roqueforti	Thricothecium roseum
Candida albicans	candidum	Pullularia pullulans	Trichophyton mentagrophytes interdigitale
Cladosporium cladosporioides	Helminthosporium halodes	Rhizopus stolonifer/nigricans	Trichophyton rubrum

### Additives/Preservatives (27 ITEMS)

Aspartame/Nutrasweet	Gum, Agar	Nitrates/Nitrites	Sodium Benzoate
BHA	Gum, Carrageenan	Pinene	Sodium Fluoride
BHT	Gum, Guar	Polysorbate 60	Sodium Propionate
Caffeine	Gum, Locust Bean	Polysorbate 80	Sorbitol
Calcium Propionate	Gum, Tragacanth	Potassium Bromate	Sulfite/Metabisulfite
Diacetyl (2,3 Butanedione)	Gum, Xanthan	Propyl Gallate	Xylitol
Gum, Acacia	MSG (Monosodium Glutamate)	Saccharine	

### F, D & C Color Additives (20 ITEMS)

Annatto	Carmoisine	FD&C Green #3	FD&C Red #3
FD&C Blue #1	D & C Green #5	D&C Orange #4	FD&C Red #40
FD&C Blue #2	D & C Orange #5	Ponceau 2R	D&C Yellow #10
Brilliant Black	D & C Red #33	Ponceau 4R	FD&C Yellow #5
Carmine/Cochineal	D & C Violet #2	FD&C Red #2	FD&C Yellow #6

### Toxic Minerals/Metals (14 ITEMS)

Aluminum	Cadmium	Mercury	Tin/Stannous Chloride
Antimony	Ethyl Mercury	Methyl Mercury	Titanium Dioxide
Arsenic	Gold	Nickel (II) Chloride	
Barium Sulfate	Lead	Silver	

## COMPREHENSIVE w/MEDS TEST PANEL

**341 ITEMS**

Includes **Comprehensive** Test Panel and the  
**Medication Block 25** shown on page 21.

## PROFESSIONAL'S CHOICE TEST PANEL

**388 ITEMS**

Includes **Comprehensive** Test Panel and the additional  
**72 foods** listed below.

Acai Berry	Boysenberry	Grape Seed Oil	Parsnip	Rose Hips
Alfalfa	Brazil Nut	Hazelnut/Filbert	Pea, Black-eyed	Rutabaga
Algae (Chlorella)	Buffalo	Horseradish	Pepper, Cayenne	Sardine
Algae (Spirulina)	Butter, Clarified (Ghee)	Hydrogenated Oil	Pepper, White	Scallion/Spring Onion
Aloe	Caraway Seed	Kelp/Seaweed	Perch/Mackerel	Spearmint
Arrowroot	Catfish	Kombu	Pimiento	Tamarind
Anchovy	Chard	Lactoglobulin	Pistachio	Tangerine/Mandarin Orange
Anise Seed	Coriander	Leek	Pomegranate	Turmeric
Artichoke	Cream of Tartar	Macadamia	Poppy Seed	Turnip Greens
Baking Powder	Date	Mace	Psyllium Seed	Walnut, English
Bass	Deer/Venison	Marjoram	Rabbit	Watercress
Bean, Garbanzo	Duck/Goose	Milk, Raw (Cow)	Radish	Whey
Bean, Navy	Endive	Nectarine	Rapeseed/Canola Oil	
Blackberry	Gelatin	Okra	Rhubarb	
Bok Choi	Gin (Juniper Berries)	Palm Oil	Rice, Basmati	

## PROFESSIONAL'S CHOICE PLUS TEST PANEL

**406 ITEMS**

Includes **Professional's Choice** Test Panel and the  
additional **18 additives/preservatives** listed below.

Acesulfame	Glycerin, Vegetable	Menthol	Potassium Sorbate	Splenda (Sucralose)
Agave Nectar	Gum, Karaya	Methyl Paraben	Propyl Paraben	Stevia
Camphor	Magnesium Stearate	Polyethylene Glycol	Sodium Alginate	
EDTA	Mannitol	Polysorbate 20	Sodium Erythrobate	

## ALL INCLUSIVE TEST PANEL

**505 ITEMS**

Includes **Professional's Choice Plus** Test Panel and the additional  
blocks listed below (see pages 20-21 for individual items included in each block):

**Medication Block 25**  
**Dander/Hair/Feather Block 10**  
**Therapeutic Herb Block 18**  
**Therapeutic Food Block 46**

## Food Blocks

Each of the testing blocks listed here may be ordered individually or combined to create a custom panel to meet your patients' needs.

### Food Block 46

Apple	Cauliflower	Cucumber	Milk, Pasteurized (Cow)	Potato, White	Tomato
Banana	Chicken	Egg, White (Chicken)	Mustard Greens/Spice	Rice, White	Tuna
Barley	Chocolate/Cocoa	Egg, Yolk (Chicken)	Oats	Rye	Turkey
Bean, Soya	Cinnamon	Gluten	Onion, Yellow	Shrimp	Wheat
Beef/Veal	Coffee, Decaf & Reg	Grape/Raisin, Green	Orange	Squash	Yeast, Baker's
Broccoli	Cola	Lamb/Mutton	Peanut	Strawberry	Yeast, Brewer's
Cabbage/Brussels Sprout	Corn (Maize)	Lemon	Pear	Sugar, Cane/Sucanat	
Carrot	Crab	Lobster	Pork/Bacon/Ham	Tea, Black	

### Food Block 115

Includes **Food Block 46** and **69 foods** listed below.

Almond	Cantaloupe/Honeydew	Flaxseed/Linseed Oil	Millet	Pineapple	Sunflower
Apricot	Cashew	Garlic	Mushroom	Plum/Prune	Tilapia
Avocado	Celery	Ginger	Nutmeg	Potato, Sweet	Tarragon
Basil	Cheese, Brick (Cow)	Gliadin	Olive	Rice, Brown	Tobacco
Bean, Lima	Cheese, Processed (Cow)	Grape/Raisin, Red	Oregano	Rice, Wild	Trout
Bean, Mung	Cilantro	Grapefruit	Papaya	Safflower Oil	Vanilla
Bean, Pinto	Clam	Honey	Paprika	Salicylate	Walnut Oil, Black
Bean, String/Wax	Codfish	Hops	Pea, Green/Snow	Salmon/Lox	Watermelon
Beet	Collard Greens	Kale	Peach	Sesame/Tahini	Yogurt (Cow)
Buckwheat/Kasha	Cottonseed Oil	Lactalbumin	Pecan	Sole/Flounder/Halibut	
Blueberry	Cranberry	Lettuce, Iceberg	Pepper, Bell	Spinach	
Carob	Cumin	Mango	Pepper, Chili/Red	Sugar, Beet	

### Food Block 166

Includes **Food Block 115** and **51 foods** listed below.

Amaranth	Cheese, Romano (Sheep)	Curry	Lettuce, Romaine	Quinoa	Swordfish
Asparagus	Cheese/Milk (Goat)	Dill	Lime	Raspberry	Tapioca
Bay Leaf	Cherry	Eggplant	Malt	Rosemary	Thyme
Bean, Kidney	Chestnut	Fig	Molasses	Sage	Tofu
Butter, Whole (Cow)	Chive	Haddock	Oyster	Scallop	Triticale
Casein (Cow)	Clove	Kamut	Parsley	Snapper	Turbot/Whitefish
Chamomile	Coconut	Kiwi	Pepper, Black	Spelt	
Cheese, Cottage (Cow)	Cod Liver Oil	Lentils, Red, Green	Peppermint	Sugar, Corn	
Cheese, Parmesan (Cow)	Currant	Lettuce, Red Leaf	Pumpkin	Sugar, Maple	

### Food Block 238

Includes **Food Block 166** and **72 foods** listed below.

Acai Berry	Bean, Navy	Date	Lactoglobulin	Pepper, White	Rose Hips
Alfalfa	Blackberry	Deer/Venison	Leek	Perch/Mackerel	Rutabaga
Algae (Chlorella)	Bok Choi	Duck/Goose	Macadamia	Pimiento	Sardine
Algae (Spirulina)	Boysenberry	Endive	Mace	Pistachio	Scallion/Spring Onion
Aloe	Brazil Nut	Gelatin	Marjoram	Pomegranate	Spearmint
Arrowroot	Buffalo	Gin (Juniper Berries)	Milk, Raw (Cow)	Poppy Seed	Tamarind
Anchovy	Butter, Clarified (Ghee)	Grapeseed Oil	Nectarine	Psyllium Seed	Tangerine/Mandarin
Anise Seed	Caraway Seed	Hazelnut/Filbert	Okra	Rabbit	Turmeric
Artichoke	Catfish	Horseradish	Palm Oil	Radish	Turnip Greens
Baking Powder	Chard	Hydrogenated Oil	Parsnip	Rapeseed/Canola Oil	Walnut, English
Bass	Coriander	Kelp/Seaweed	Pea, Black-eyed	Rhubarb	Watercress
Bean, Garbanzo	Cream of Tartar	Kombu	Pepper, Cayenne	Rice, Basmati	Whey

## Food Block 96

Almond	Casein (Cow)	Egg White (Chicken)	Lettuce, Romaine	Pineapple	Squash
Apple	Cashew	Egg Yolk (Chicken)	Milk, Pasteurized, (Cow)	Pork/Bacon/Ham	Strawberry
Apricot	Cauliflower	Flaxseed/Linseed Oil	Mushroom	Potato, Sweet	Sugar Cane/Sucanat
Asparagus	Celery	Garlic	Oats	Potato, White	Sugar, Corn
Avocado	Cheese, Brick (Cow)	Gelatin	Olive	Quinoa	Sulfite/Metabisulfite
Banana	Cheese, Cottage (Cow)	Glutadin	Onion, Yellow	Rapeseed/Canola Oil	Sunflower
Barley	Cheese, Processed (Cow)	Gluten	Orange	Raspberry	Tomato
Bean,Kidney	Cheese/Milk (Goat)	Grape/Raisin, Red	Oregano	Rice, White	Tuna
Bean, Soya	Chicken	Grapefruit	Paprika	Rye	Turkey
Bean, String/Wax	Chocolate/Cocoa	Haddock	Pea, Green/Snow	Salicylate	Vanilla
Beef/Veal	Coconut	Hazelnut/Filbert	Peach	Salmon/Lox	Walnut, English
Beet	Codfish	Honey	Peanut	Sesame/Tahini	Wheat
Blueberry	Coffee, Decaf & Reg	Kiwi	Pear	Shrimp	Whey
Broccoli	Corn (Maize)	Lamb/Mutton	Pecan	Sole/Flounder/Halibut	Yeast, Baker's
Candida Albicans	Cranberry	Lemon	Pepper, Bell	Spelt	Yeast, Brewer's
Carrot	Cucumber	Lentils, Red, Green	Pepper, Black	Spinach	Yogurt (Cow)

## THERAPEUTIC Food Block 46

Adzuki/Adzuki Bean	Cellulose	Elderberry	Irish Moss	Mushroom, Shitake	Star Fruit
Allspice	Chia Seed	Ginseng, American	Maca	Noni	Tamari
Astragalus	Chicory	Ginseng, Chinese	Miso, Barley	Plum, Umboshi	Wakame
Bamboo	Chinese (Green) tea	Ginseng, Siberian	Miso, Brown	Quail	Water Chestnut
Bladderwrack	Cucumber, Japanese	Goji Berry	Miso, Hatcho	Resin	Yaki Nori/Laver
Camu Camu	Dong Quai	Gooseberry	Miso, White	Royal Jelly	Yerba Mate
Cardamon	Dragon Fruit	Hemp	Mushroom, Maitake	Saffron	
Cassava (Yuca)	Dulse	Hijiki	Mushroom, Reishi	Sea Lettuce	

## THERAPEUTIC Herb Block 18

Arnica	Echinacea	Hypericum/ St. John's	Slippery Elm
Artemesia Anua	Ephedra	Wort Lemongrass	Valerian
Bergamot	Feverfew	Licorice	White Willow
Black Cohosh	Goldenseal/Hydrastis	Lomatium	Bark
Chrysanthemum	Hawthorne	Primrose Oil	

## GLUTEN HYPERSENSITIVITY Block

Note: **Bold underlined** items are associated with gluten sensitivity. Non-boldd items are common gluten alternatives and used in "gluten-free" products.

Almond	Cashew	<b><u>Gluten</u></b>	Millet	Rice, Basmati	<b><u>Triticale</u></b>
Arrowroot	Cassava (Yuca)	Hazelnut/Filbert	<b><u>Oats</u></b>	Rice, Brown	Walnut, English
<b><u>Barley</u></b>	Chestnut	Hemp	Pea, Green, Snow	Rice, White	<b><u>Wheat</u></b>
Bean, Aduki/Adzuki	Chia	Hops	Peanut	Rice, Wild	
Bean, Garbanzo	Coconut	<b><u>Kamut</u></b>	Pecan	<b><u>Rye</u></b>	
Bean, Soya	Corn (Maize)	Lentils, Red, Green	Pistachio	Sesame/Tahini	
Brazil Nut	Flaxseed/Linseed Oil	Macadamia	Potato, White	<b><u>Spelt</u></b>	
Buckwheat/Kasha	<b><u>Gliadin</u></b>	Malt	Quinoa	Tapioca	

## Specialty Food Blocks

Each of the testing blocks listed here may be ordered individually or combined to create a custom panel to meet your patients' needs.

### VEGAN Food Block 188 ITEMS

Açaí Berry	Brazil Nut	Curry	Macadamia	Pepper, White	Spinach
Alfalfa	Broccoli	Date	Mace	Peppermint	Squash Strawberry
Algae (Chlorella)	Buckwheat/Kasha	Dill	Malt	Pimiento	Sugar Cane/Sucanat
Algae (Spirulina)	Cabbage/Brussels Sprouts	Eggplant	Mango	Pineapple	Sugar, Beet
Almond	Cantaloupe/Honeydew	Endive	Marjoram	Pistachio	Sugar, Corn
Aloe	Caraway Seed	Fig	Millet	Plum/Prune	Sugar, Maple
Amaranth	Carob	Flaxseed/Linseed Oil	Molasses	Pomegranate	Sunflower Tamarind
Anise Seed	Carrot	Garlic	Mushroom	Poppy Seed	Tangerine/Mandarin
Apple	Cashew	Gin (Juniper Berries)	Mustard Greens/Spice	Potato, Sweet	Tapioca
Apricot	Cauliflower	Ginger	Nectarine	Potato, White	Tarragon
Arrowroot	Celery	Gliadin	Nutmeg	Psyllium Seed	Tea, Black
Artichoke	Chamomile	Gluten	Oats	Pumpkin	Thyme
Asparagus	Chard	Grape Seed Oil	Okra	Quinoa	Tobacco
Avocado	Cherry	Grape/Raisin, Green	Olive	Radish	Tofu
Baking Powder	Chestnut	Grape/Raisin, Red	Onion, Yellow	Rapeseed/Canola Oil	Tomato
Banana	Chive	Grapefruit	Orange	Raspberry	Triticale
Barley	Chocolate/Cocoa	Hazelnut/Filbert	Oregano	Rhubarb	Turmeric
Basil	Cilantro	Hops	Palm Oil	Rice, Basmati	Turnip, Greens
Bay Leaf	Cinnamon	Horseradish	Papaya	Rice, Brown	Vanilla
Bean, Garbanzo	Clove	Hydrogenated Oil	Paprika	Rice, White	Walnut Oil, Black
Bean, Kidney	Coconut	Kale	Parsley	Rice, Wild	Walnut, English
Bean, Lima	Coffee, Decaf & Reg	Kamut	Parsnip	Rose Hips	Watercress
Bean, Mung	Cola	Kelp/Seaweed	Pea, Black-Eyed	Rosemary	Watermelon Wheat
Bean, Navy	Collard Greens	Kiwi	Pea, Green/Snow	Rutabaga	Yeast, Baker's
Bean, Pinto	Coriander	Kombu	Peach	Rye	Yeast, Brewers
Bean, Soya	Corn (Maize)	Leek	Peanut	Safflower Oil	
Bean, String/Wax	Cottonseed Oil	Lemon	Pear	Sage	
Beet	Cranberry	Lentils, Red, Green	Pecan	Salicylate	
Blackberry	Cream of Tartar	Lettuce, Iceberg	Pepper, Bell	Scallion/Spring Onion	
Blueberry	Cucumber	Lettuce, Red Leaf	Pepper, Black	Sesame/Tahini	
Bok Choi	Cumin	Lettuce, Romaine	Pepper, Cayenne	Spearmint	
Boysenberry	Currant	Lime	Pepper, Chili/Red	Spelt	

### VEGETARIAN Food Block 206 ITEMS

Includes **Vegan Food Block** and the **additional 18 food items** listed below.

Butter, Clarified (Ghee)	Cheese, Brick (Cow)	Cheese, Processed (Cow)	Egg White (Chicken)	Lactalbumin	Milk, Raw (Cow)
Butter, Whole (Cow)	Cheese, Cottage (Cow)	Cheese, Romano (Sheep)	Egg Yolk (Chicken)	Lactoglobulin	Whey
Butter, Whole (Cow)	Cheese, Parmesan (Cow)	Cheese/Milk (Goat)	Honey	Milk, Pasteurized (Cow)	Yogurt (Cow)

## KOSHER Food Block 227 ITEMS

Acai Berry	Buffalo	Cream of Tartar	Leek	Pepper, Black	Spearmint
Alfalfa	Butter, Clarified (Ghee)	Cucumber	Lemon	Pepper, Cayenne	Spelt
Algae (Chlorella)	Butter, Whole (Cow)	Cumin	Lentils, Red, Green	Pepper, Chili/Red	Spinach
Algae (Spirulina)	Cabbage/Brussels Sprouts	Curran	Lettuce, Iceberg	Pepper, White	Squash
Almond	Cantaloupe/Honeydew	Curry	Lettuce, Red Leaf	Peppermint	Strawberry
Aloe	Caraway Seed	Date	Lettuce, Romaine	Perch/Mackerel	Sugar Cane/Sucanat
Amaranth	Carob	Deer/Venison	Lime	Pimiento	Sugar, Beet
Anchovy	Carrot	Dill	Macadamia	Pineapple	Sugar, Corn
Anise Seed	Casein (Cow)	Duck/Goose	Mace	Pistachio	Sugar, Maple
Apple	Cashew	Egg White (Chicken)	Malt	Plum/Prune	Sunflower
Apricot	Cauliflower	Egg Yolk (Chicken)	Mango	Pomegranate	Tamarind
Arrowroot	Celery	Eggplant	Marjoram	Poppy Seed	Tangerine/Mandarin
Artichoke	Chamomile	Endive	Milk, Pasteurized (Cow)	Potato, Sweet	Orange
Asparagus	Chard	Fig	Milk, Raw (Cow)	Potato, White	Tapioca
Avocado	Cheese, Brick (Cow)	Flaxseed/Linseed Oil	Millet	Psyllium Seed	Tarragon
Baking Powder	Cheese, Cottage (Cow)	Garlic	Molasses	Pumpkin	Tea, Black
Banana	Cheese, Parmesan (Cow)	Gin (Juniper Berries)	Mushroom	Quinoa	Thyme
Barley	Cheese, Processed (Cow)	Ginger	Mustard Greens/Spice	Radish	Tilapia
Basil	Cheese, Romano (Sheep)	Gliadin	Nectarine	Rapeseed/Canola Oil	Tobacco
Bass	Cheese/Milk (Goat)	Gluten	Nutmeg	Raspberry	Tofu
Bay Leaf	Cherry	Grape Seed Oil	Oats	Rhubarb	Tomato
Bean, Garbanzo	Chestnut	Grape/Raisin, Green	Okra	Rice, Basmati	Triticale
Bean, Kidney	Chicken	Grape/Raisin, Red	Olive	Rice, Brown	Trout
Bean, Lima	Chive	Grapefruit	Onion, Yellow	Rice, White	Tuna
Bean, Mung	Chocolate/Cocoa	Haddock	Orange	Rice, Wild	Turbot/Whitefish
Bean, Navy	Cilantro	Hazelnut/Filbert	Oregano	Rose Hips	Turkey
Bean, Pinto	Cinnamon	Honey	Palm Oil	Rosemary	Turmeric
Bean, Soya	Clove	Hops	Papaya	Rutabaga	Turnip, Greens
Bean, String/Wax	Coconut	Horseradish	Paprika	Rye	Vanilla
Beef/Veal	Cod Liver Oil	Hydrogenated Oil	Parsley	Safflower Oil	Walnut Oil, Black
Beet	Codfish	Kale	Parsnip	Sage	Walnut, English
Blackberry	Coffee, Decaf & Reg	Kamut	Pea, Black-Eyed	Salicylate	Watercress
Blueberry	Cola	Kelp/Sea Weed	Pea, Green/Snow	Salmon/Lox	Watermelon
Bok Choi	Collard Greens	Kiwi	Peach	Sardine	Wheat
Boysenberry	Coriander	Kombu	Peanut	Scallion/Spring Onion	Whey
Brazil Nut	Corn (Maize)	Lactalbumin	Pear	Sesame/Tahini	Yeast, Baker's
Broccoli	Cottonseed Oil	Lactoglobulin	Pecan	Snapper	Yeast, Brewer's
Buckwheat/Kasha	Cranberry	Lamb/Mutton	Pepper, Bell	Sole/Flounder/Halibut	Yogurt (Cow)

## HALAL Food Block 236 ITEMS

Includes **Kosher Food Block**  
and the **additional 9 food items** listed below.

Catfish	Crab	Oyster	Scallop	Swordfish
Clam	Lobster	Rabbit	Shrimp	

## Other Individual Blocks

### Dander/Hair/Feather Block 10 ITEMS

Cat Dander ( <i>Felis catus</i> )	Goose Feathers ( <i>Anser anser</i> )	Sheep Wool ( <i>Ovis aries</i> )
Dog Dander ( <i>Canis familiaris</i> )	Guinea Pig Hair ( <i>Cavia porcellus</i> )	Turkey Feathers ( <i>Meleagris gallopavo</i> )
Duck Feathers ( <i>Anas platyrhynchos</i> )	Horse Dander ( <i>Equus caballus</i> )	
Goat Hair/Skin Scraping ( <i>Capra hircus</i> )	Rabbit Hair ( <i>Oryctolagus cuniculus</i> )	

### Additive/Preservative Block 15 ITEMS

Aspartame/Nutrasweet	Diacetyl (2,3-Butanedione)	Polysorbate 60	Sodium Benzoate
BHA	Gum, Locust Bean	Potassium Bromate	Sodium Propionate
BHT	MSG (Monosodium Glutamate)	Propyl Gallate	Sulfite/Metabisulfite
Calcium Propionate	Nitrates/Nitrites	Saccharine	

### Additive/Preservative Block 27 ITEMS

Includes **Additive/Preservative Block 15** and the additional **12 Additives/Preservatives** listed below.

Caffeine	Gum, Carrageenan	Gum, Xanthan	Sodium Fluoride
Gum, Acacia	Gum, Guar	Pinene	Sorbitol
Gum, Agar	Gum, Tragacanth	Polysorbate 80	Xylitol

### Additive/Preservative Block 45 ITEMS

Includes **Additive/Preservative Block 27** and the additional **18 Additives/Preservatives** listed below.

Acesulfame	Gum, Karaya	Polyethylene Glycol	Sodium Erythrobate
Agave Nectar	Magnesium Stearate	Polysorbate 20	Splenda (Sucralose)
Camphor	Mannitol	Potassium Sorbate	Stevia
EDTA	Menthol	Propyl Paraben	
Glycerin, Vegetable	Methyl Paraben	Sodium Alginate	

### F, D, & C Color Additive Block 20 ITEMS

Annatto	Carmoisine	FD&C Green #3	FD&C Red #3
FD&C Blue #1	D&C Green #5	D&C Orange #4	FD&C Red #40
FD&C Blue #2	D&C Orange #5	Ponceau 2R	D&C Yellow #10
Brilliant Black	D&C Red #33	Ponceau 4R	FD&C Yellow #5
Carmine/Cochineal	D&C Violet #2	FD&C Red #2	FD&C Yellow #6

### Toxic Mineral Metal Block 14 ITEMS

Aluminum	Cadmium	Mercury	Tin/Stannous Chloride
Antimony	Ethyl Mercury	Methyl Mercury	Titanium Dioxide
Arsenic	Gold	Nickel (II) Chloride	
Barium Sulfate	Lead	Silver	

## Medication Block 25 ITEMS

Acetaminophen (Tylenol)	Clarithromycin (Biaxin)	Ibuprofen	Penicillin
Amitriptyline (Elavil)	Diazepam (Valium)	Mesalamine (Asacol)	Piroxicam (Feldene)
Amoxicillin	Docosanol (Abreva)	Methylphenidate (Ritalin)	Streptomycin
Ampicillin	Erythromycin	Naproxen (Aleve)	Tetracycline
Aspirin/Coal Tar	Fluconazole (Diflucan)	Nystatin	
Cephalexin (Keflex)	Guaifenesin (Mucinex)	Omeprazole (Prilosec)	
Ciprofloxacin (Cipro)	Hydroxy-chloroquine (Plaquenil)	Penicillamine	

## Mold Block 28 ITEMS

Alternaria alternata	Cladosporium herbarum	Mucor mucedo	Rhodotorula
Aspergillus fumigatus	Epidermophyton floccosum	Mucor racemosus	Trichoderma harzianum
Aspergillus niger	Fusarium solani	Penicillium frequentans	Thricothecium roseum
Aspergillus oryzae	Fusarium vasinfectum	Penicillium notatum/chrysogenum	Trichophyton mentagrophytes goetzii
Botrytis cinerea	Geotrichum candidum	Penicillium roqueforti	Trichophyton mentagrophytes interdigitale
Candida albicans	Helminthosporium halodes	Pullularia pullulans	Trichophyton rubrum
Cladosporium cladosporioides	Helminthosporium sativum	Rhizopus stolonifer/nigricans	Trichophyton schoenleinii

## Environmental Chemical Block 15 ITEMS

1,2 Dichlorobenzene	Chlordane	Cyclohexylamine	Soap (SDS/SLS)
2,4,5 T	Chloroform	Endrin	Toluene
Benzene	Cis-Dichloroethylene	Methylene Chloride	Vinyl Chloride
Carbon Tetrachloride	(1,2 Dichloroethylene)	(Dichloromethane)	Xylene
		Organophosphates	

## Environmental Chemical Block 30 ITEMS

Includes **Environmental Chemical Block 15** and the **additional 15 items** listed below.

Benzyl Acetate	Ethyl Butyrate	Petroleum By-Products & Solvents	Propylene Glycol (1,2-Propanediol)
Dibutyl Phthalate	Formaldehyde	Phenol	Silicates/Silicon Dioxide
Dieldrin	Latex	Phthalates	Silicone
Ethyl Acetate	Methoxychlor	Polyvinylpyrrolidone/Povidone	

## Environmental Chemical Block 61 ITEMS

Includes **Chemical Block 30** and the **additional 31 items** listed below.

2,4-D	Carbon Disulfide	Halogenated Biocide	Pentachlorophenol (PCP)
2-Methyl Pentane	DBCP (1,2 Dibromo-3-chloropropane)	Heptachlor	Pyrene
3-Methyl Pentane	DDT	Hexachlorocyclohexane	Selenium Sulfide
Aldrin	DEET	Isopropyl Ether	Tert-Butyl-Ethyl Ether (TBEE)
Benzaldehyde	Detergent (Synthetic)	Maleic Anhydride	Tert-Butyl-Methyl Ether (TBME)
Benzopyrene	Ethyl Acetoacetate	Metallic Catalysts	Tetrachloroethylene
Beryllium Oxide	Ethylene Dibromide	Morpholine	Trichloroethylene (TCE)
Carbamates	<b>Glyphosate (available 9/1/2016)</b>	Nitrosamine Mix	

## Silicone Hypersensitivity Block 19 ITEMS

Aluminum	D&C Violet #2	Phenol	Titanium Dioxide
Aspergillus niger	FD&C Blue #2	Polyvinylpyrrolidone/Povidone	Toluene
Benzene	Formaldehyde	Silicates/Silicon Dioxide	Vinyl Chloride
Candida albicans	Latex	Silicone	Xylene
D&C Green #5	Petroleum By-Products & Solvents	Tin/Stannous Chloride	



## Phlebotomy Instructions

### IMPORTANT!!!

**If the patient has NOT followed the required fasting and preparation instructions, DO NOT draw the specimen!!**

1. Pull back Velcro strip to remove kit contents. **Do not discard Velcro strip.**
2. Remove packaging from the butterfly tubing.
3. Attach adapter/holder combination to the infusion set by screwing the adapter into the vacutainer holder/hub and use that for drawing the vacutainer tubes.
4. Uncap butterfly needle. Apply tourniquet. Prepare arm with alcohol pad. Dry with sterile gauze. **Draw sample with 19 gauge needle provided.** *A 19 gauge needle must be used or sample activation and damage is likely.*
5. **Draw the small 3 ml tube first, followed by the remaining 6 ml tubes. It is important to completely fill each tube.** *NOTE: All Inclusive panels require 8 large (6 ml) tubes.*
6. If patient needs to be stuck more than once – you will need to start from the beginning with a new needle in a different location, using a new 3 ml tube. If stuck more than once with same needle – the sample will not be good.
7. **Gently invert each vacutainer tube three to four times after you withdraw it from holder. DO NOT SHAKE!**
8. **Refrigerate samples.** All of the specimens and cool pack should be refrigerated until ready to send. **(DO NOT FREEZE!).**
9. Call FedEx or UPS the same day to pick up sample. **WE MUST RECEIVE THE SAMPLE ON THE NEXT DAY.**

# Specimen Preparation & Shipping

## Preparing Specimen for Transport

Chill the cool pack in the refrigerator at least three (3) hours. NEVER FREEZE. Blood in the vacutainers should be kept refrigerated before packing and shipping (**DO NOT SPIN**).

## For Shipment

1. For packing the vacutainer specimen, please follow these instructions:
  - Place the vacutainers in the biohazard bag with the absorbent gauze.
  - Put the paperwork in the pouch of the biohazard bag.
  - Place the bag in the Styrofoam box on top of the foam liner.
  - Place the cool pack (or 2 cool packs in summer) on top of the blood vials.
  - Close the lid and secure the Styrofoam box with Velcro strips provided.
2. Place Styrofoam box into the cardboard box. These materials are needed to fully protect the specimen and keep it cool in transit.
3. Place the box into the plastic diagnostic bag.
4. Call FedEx or UPS (in the morning if possible) for pick up the same day.

## WE MUST RECEIVE BLOOD SAMPLE OF LIVING CELLS OVERNIGHT.

If sending a sample on a Friday, please call Client Services at 1-800-553-5472 for special instructions to ensure sample arrives on Saturday.

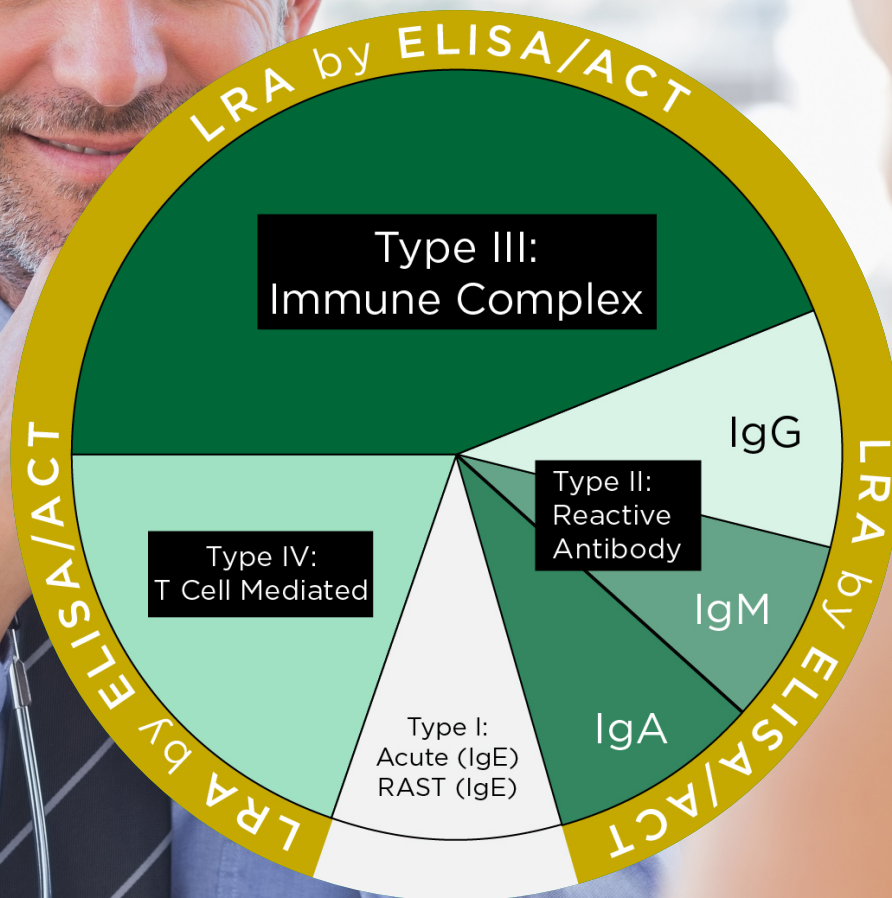


## Final Check

- ☐ Patient fasted and followed all preparation instructions
- ☐ Payment is included with sample in transport box
- ☐ Requisition Form is filled out completely and included with sample

**If you have any questions, please contact our Client Services Department at 800-553-5472 or email [clientservices@ELISA ACT.com](mailto:clientservices@ELISA ACT.com).**

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