



Lab Interpretation, LLC
18124 Wedge Pkwy, Ste 432
Reno, NV 89511

(775) 851-3337
(775) 851-3363 Fax
www.labinterpretation.com

Date: 12/27/2014
(Accession #2015000107)

Next Test Due: 3/28/2015

LabAssist™ Environmental Pollutants Exposure Report

Practitioner

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Basic Status High/Low

Environmental Pollutants Exposure Date: 12/27/2014

Female / Age: 28

Client ID: (42645)

The % Status is the weighted deviation of the laboratory result.

Low Results

-40	-30	-20	-10	0					
-25%					% Status	Result	<i>Low</i>	<i>High</i>	
					-36.00	L	0.07	0.00	0.50
					-33.10	L	0.45	0.00	2.66
					-31.82	L	0.02	0.00	0.11
					-31.82	L	0.02	0.00	0.11

High Results

-100	-50	0	50	100					
-25%	25%					% Status	Result	<i>Low</i>	<i>High</i>
					89.86	H	927.50	0.00	663.16
					61.11	H	0.10	0.00	0.09

**Basic Status Alphabetic
Environmental Pollutants Exposure Date: 12/27/2014**

Female / Age: 28

The % Status is the weighted deviation of the laboratory result relative to the range.

	-100	-50	0	50	100	% Status	Result	Low	High
						-24.58	1.83	0.00	7.20
						-31.82 L	0.02	0.00	0.11
						-19.57	0.07	0.00	0.23
						89.86 H	927.50	0.00	663.16
						-1.56	0.31	0.00	0.64
						-4.84	0.14	0.00	0.31
						61.11 H	0.10	0.00	0.09
						-7.50	0.17	0.00	0.40
						-36.00 L	0.07	0.00	0.50
						-33.10 L	0.45	0.00	2.66
						-3.80	2.80	0.00	6.06
						-31.82 L	0.02	0.00	0.11
		-25%	25%			Total Status Deviation	28.80		
						Total Status Skew	-3.63		

Client Summary Review

Environmental Pollutants Exposure Date: 12/27/2014

Female / Age: 28

Nutritional Support

The following supplements may help to balance your biochemistry. Consult your practitioner.

- 2-Glycine**
2x daily 1000 mg

Practitioner Summary Review

Environmental Pollutants Exposure Date: 12/27/2014

Female / Age: 28

Out-Of-Balance Panel Values

The following panels have a PSD of greater than 25% indicating need for further review. PSD is the Panel Status Deviation, or the average imbalance of that subset of results. The PSS is the Panel Status Skew, or the direction, negative (deficiency) or positive (excess), of that subset of results.

Panel Name	PSD	PSS
Personal Care Products	40.51%	-9.95%
Phthalates	33.64%	7.11%

Lab Reported out-of-range Values

The following results are out-of-range (as reported by the lab), and should be carefully reviewed.

Hippurate (89.86%)

A high reading of this organic acid may be indicative of an overgrowth of intestinal microbiota due to the action of bacteria on phenylalanine, elevated levels of environmental toxins (typically solvents) or elevated ingestion of benzoic acid.

Drugs which may have an adverse affect:

Aspirin

Monoethyl Phthalate (61.11%)

Phthalates are used in the manufacture of plastics to allow for flexibility and to soften resins. Not only that, but it is found in everything from makeup to detergents, shampoos to time-released pharmaceutical drugs.

This toxin is a well known endocrine disruptor as well as causing neurological and developmental disorders. It can interfere with tryptophan metabolism resulting in an increase in quinolinic acid, a pro-inflammatory and neurotoxic compound. Phthalates have also been implicated in abnormal fetal development, especially in male fetuses. Recently, it has been linked to increased male waist circumference and insulin resistance.

Drugs which may have an adverse affect:

Time-Released Meds

Nutrition - Detail

Environmental Pollutants Exposure Date: 12/27/2014

Female / Age: 28

Nutritional and herbal information contained in this report is based upon research related to imbalances in your chemistry. The recommendations are based upon the information provided, without interpretation. This must be done with the help of your qualified health care professional.

2-Glycine 2x daily 1000 mg

Glycine is an important amino acid and is necessary in phase II detoxification as it is a component of hippurate through its binding with benzoate.

Decreased

Rationale

Normal

Increased

Hippurate

Drug Interactions

Environmental Pollutants Exposure Date: 12/27/2014

Female / Age: 28

Drugs listed below tend to further aggravate elements of blood chemistry that are out of range (H or L). The (#) after each drug denotes the number of times that drug is flagged as being potentially harmful.

Aspirin

Time-Released Meds

Panel/Subset Report
Environmental Pollutants Exposure Date: 12/27/2014

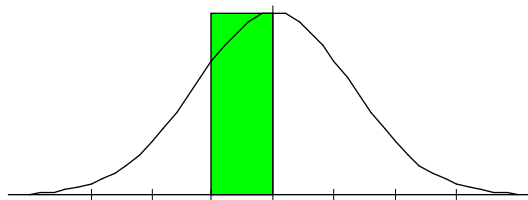
Female / Age: 28

Automotive Sources

2-Methylhippurate, 3-Methylhippurate, Mandelate, Phenylglyoxylate, M + P, t,t-Muconic Acid[L].

PSD: 14.98
PSS: -14.98

This panel ascertains the level of automotive-sourced toxins within your cells. The leading source is car exhaust. Other sources include: jogging on busy streets next to traffic, commuting in heavy traffic, and living in large urban areas. This profile shows a percent imbalance below 25%, so no abnormalities were found.

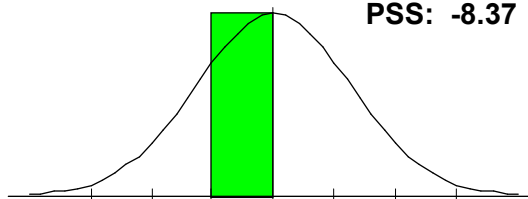


Paint and Solvents

3-Methylhippurate, Mandelate, Phenylglyoxylate, M + P.

PSD: 8.37
PSS: -8.37

This panel ascertains the level of paint and solvent toxins within your cells. Paints and solvents are often found with styrene and xylene. Airing out a newly painted house is advisable. When using paints and solvents, always ensure the work space is well-ventilated and wear an appropriate mask. This profile shows a percent imbalance below 25%, so no abnormalities were found.

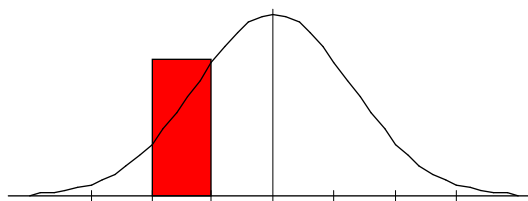


Personal Care Products

Phthalate[L], Monoethyl Phthalate[H], p-Hydroxybenzoate[L], t,t-Muconic Acid[L].

PSD: 40.51
PSS: -9.95

This panel ascertains the intracellular toxins from cosmetic sources. Common toxins include: parabens, phthalates and benzene derivatives. To learn more about this topic, visit the Environmental Working Group, (www.ewg.org) and read their report "Skin Deep." This profile may indicate a low exposure to toxins or poor excretion of cosmetic toxins. If your hippurate is low, it's likely poor excretion. Consider appropriate detoxification protocol.

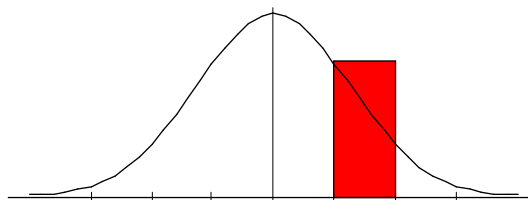


Phthalates

Phthalate[L], Monoethyl Phthalate[H], Quinolinat.

PSD: 33.64
PSS: 7.11

Phthalates are a commonly found in everyday things including: plastic items, scented items like air fresheners & candles, and personal care products. Phthalates disrupt the endocrine system and lowers testosterone in fetuses. This profile suggests a high exposure. This can cause weight gain, blood sugar control issues, and problems with pregnancies, etc. Highly consider an appropriate detoxification protocol.

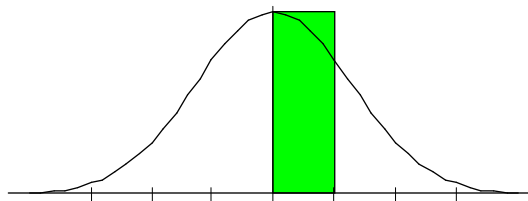


Plastic Sources

Phthalate[L], Monoethyl Phthalate[H], Mandelate, Phenylglyoxylate, M + P.

PSD: 22.20
PSS: 2.24

Plastics are made with styrene and phthalates. This panel ascertains the level of intracellular toxins sourced from plastics. Common sources include: microwaving in plastic containers, drinking from plastic bottles, drinking hot liquids from styrofoam cups, etc. This profile shows a percent imbalance below 25%, so no abnormalities were found.



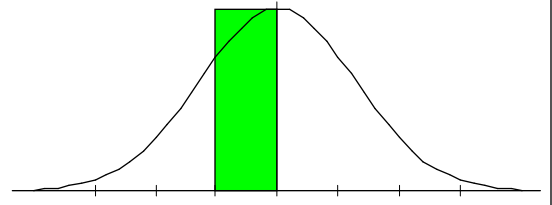
Female / Age: 28

Water Sources

t,t-Muconic Acid[L], Mandelate, Phenylglyoxylate, M + P,
2-Methylhippurate, 3,4-Dimethylhippurate[L].

PSD: 17.02
PSS: -17.02

This panel ascertains the level of intracellular toxins sourced from water. Research shows most water supplies worldwide are tainted with a number of petrochemicals including: trimethylbenzene, toluene, styrene, and benzene. This profile shows a percent imbalance below 25%, so no abnormalities were found.



Clinical Correlation

Environmental Pollutants Exposure Date: 12/27/2014

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This report "MATCHES" clinical observations with the lab test. Elements shown, normal and abnormal, tend to characterize the observation. Highlighted elements are those reported to "MATCH" the characteristics of the clinical observation. Others are NOT matches but are elements in the observation.

No disease pattern matches > 66.0%