



## Requisition Form

(Please fill the form completely and legibly)

Patient Last Name \_\_\_\_\_ First \_\_\_\_\_ M / F \_\_\_\_\_ Dr. Name \_\_\_\_\_

Address \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_ State \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Date of Birth \_\_\_\_\_ Phone \_\_\_\_\_ Dr. Signature \_\_\_\_\_

**Payment Required** with Specimen  Check (enclosed)

Credit Card  Invoice doctor

Card Number \_\_\_\_\_

Expiration Date Month \_\_\_\_\_ Year \_\_\_\_\_

Signature (required) \_\_\_\_\_ Date \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Date Ordered \_\_\_\_\_ Specimen Collection Date/Time \_\_\_\_\_

E-mail \_\_\_\_\_

**Total Volume Urine 24 hour:** \_\_\_\_\_ ml

Date sent \_\_\_\_\_

Note for **Medicare Patients ONLY**: By ordering the test you agree that you have been informed that ELN / Health Diagnostics and Research Institute is not a Medicare provider and therefore services provided will not be submitted to Medicare.

Medication / supplements \_\_\_\_\_

Discontinued ? If yes, when \_\_\_\_\_  Fasting For HDRI Office use only:  Bill Dr.  Immediate payment from Dr.

**Codes:** **24h** = 24 hour urine, **@** = Special tube, **G** = Am. Heparin 9 ml, **H** = Hair, **K** = Test kit, **M** = special requisition and kit required, **P** = EDTA tube 7ml, **Ps**= EDTA tube 4ml, **R** = Serum separator, **S** = Saliva, **U** = Morning urine **B**=Stool.

### Test panels:

<input type="checkbox"/> ADMA/SDMA/hARG/Arginine Panel (P) <input type="checkbox"/> Adrenocortex stress-test (S) <input type="checkbox"/> Amino Acids urine Panel (24h) <input type="checkbox"/> Amino Acids plasma Panel (R) <input type="checkbox"/> Carotenoids-panel (1R) <input type="checkbox"/> Clinical Chemistry panel (1P, 1R) <input type="checkbox"/> Elements Panel (Blood only) (G) <input type="checkbox"/> Elements Panel (Serum only) (R) <input type="checkbox"/> Elements I blood (1R,1Ps,1G) <input type="checkbox"/> Elements II blood (1R,1Ps,1G) <input type="checkbox"/> Elements III blood (1R,1Ps,1G) <input type="checkbox"/> El. hair I (H) <input type="checkbox"/> El. hair II (H) <input type="checkbox"/> Elements in urine -1 (24h) <input type="checkbox"/> Elements in urine -2 (24h)	<input type="checkbox"/> Enzymes Panel (1 P) <input type="checkbox"/> Fatty Acids (P) <input type="checkbox"/> Folic Acid Metabolites (5) (1P,1R) <input type="checkbox"/> Hormones panel-Female (24h) <input type="checkbox"/> Hormones panel -Male (24h) <input type="checkbox"/> HPA Axis in plasma (2P) <input type="checkbox"/> Metabolic Panel I (U or 24h) <input type="checkbox"/> Metabolic Panel II (U or 24h) <input type="checkbox"/> Methylation Pathway (2@) <input type="checkbox"/> Methylation Pathway extended(2@) <input type="checkbox"/> NADH/NADPH/ATP (@) <input type="checkbox"/> Neurotransmitters panel (3P)/(U24h) <input type="checkbox"/> Organic Acids urine (K) <input type="checkbox"/> Peptide Hormones Panel (4) (1P)	<input type="checkbox"/> Peptide Hormones Panel (8) (1P) <input type="checkbox"/> Sulphur Panel (U) <input type="checkbox"/> Sulphur aminoacids Panel (1P) <input type="checkbox"/> Thyroid hormones (24h) <input type="checkbox"/> Toxic Chemicals Metabolites (8) (U) <input type="checkbox"/> Toxic Chemicals (12) (P) <input type="checkbox"/> Vitamin (4) (1R 1P) <input type="checkbox"/> Vitamin (8) (2R, 1P) <input type="checkbox"/> Vitamin (12) (2R, 1P) <input type="checkbox"/> Vitamin (16) (3R, 1P) <input type="checkbox"/> Vitamin(19) (3R,1P) <input type="checkbox"/> Vitamin A/D/E/K/CoQ10/Carotenoids Panel (1R)
--	--	--

### Single tests

<p><b>Elements in whole blood (G) Write the name of each requested element below</b></p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <p><b>Elements serum Single (R) Write the name of each requested element below</b></p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <p><b>Intracellular Elements(R, G) Write the name of each requested element below</b></p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p><b>Elements urineSingle (24h) Write the name of each requested element below</b></p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <p><b>Other Tests</b></p> <input type="checkbox"/> GSH ox+red (@) <input type="checkbox"/> T3/T4/rT3 (P) <input type="checkbox"/> MDA (P) <input type="checkbox"/> Sulphate-free (@) <input type="checkbox"/> Sulphate -total (@) <input type="checkbox"/> Sulphite (P) <input type="checkbox"/> Beta Amyloid <input type="checkbox"/> IgA Test (Feces) (M) <input type="checkbox"/> Transcobalamin (R) <input type="checkbox"/> HPA Axis (2P) <input type="checkbox"/> DMPS (K) <input type="checkbox"/> DMPS+Pb Cd Hg(K). <input type="checkbox"/> DMPS extended (K) <input type="checkbox"/> IgE/G4 (96) (R) <input type="checkbox"/> Candida Antibodies (R)	<p><b>Amino Acids</b></p> <input type="checkbox"/> GABA <input type="checkbox"/> Homocysteine <input type="checkbox"/> SAM / SAH (RBC) <input type="checkbox"/> Cysteine <input type="checkbox"/> Methionine <input type="checkbox"/> Homocysteine <p><b>Enzymes (P)</b></p> <input type="checkbox"/> Nagalase (M) <input type="checkbox"/> EGOT <input type="checkbox"/> ETKA <input type="checkbox"/> ESOD <input type="checkbox"/> EGR <input type="checkbox"/> EGPx <input type="checkbox"/> Catalase <input type="checkbox"/> MAO <p><b>Other Tests @</b></p> <input type="checkbox"/> Ammonia <input type="checkbox"/> Nitric Oxide <input type="checkbox"/> Adenosine <input type="checkbox"/> Inosine,Uridine <input type="checkbox"/> Nitrotyrosine <input type="checkbox"/> ATP <input type="checkbox"/> NADH/NADPH <input type="checkbox"/> IgA (B)	<p><b>Others urine</b></p> <input type="checkbox"/> FIGLU (U/24h) <input type="checkbox"/> Kryptopyrrole (U/24h) <input type="checkbox"/> HPL <input type="checkbox"/> GABA (U) <input type="checkbox"/> 6SulfatoxyMelatonin(24h) <input type="checkbox"/> Sulphite (U/24h) <input type="checkbox"/> MNA/MMA (U) <input type="checkbox"/> D-Glucaric Acid (24h) <input type="checkbox"/> Complete Urinalysis with Microscopy <p><b>Neurotransmitters in Platelets/Urine (3P/U)</b></p> <input type="checkbox"/> Dopamine <input type="checkbox"/> Epinephrine <input type="checkbox"/> Norepinephrine <input type="checkbox"/> Metanephrine <input type="checkbox"/> Nor-Metanephrine <input type="checkbox"/> Serotonin <p><b>BioAmines (P)</b></p> <input type="checkbox"/> Histamine (P) <input type="checkbox"/> Acetylcholine (R) <input type="checkbox"/> Tyramine (P)	<p><b>Hormones in urine (24h)</b></p> <input type="checkbox"/> Aldosterone <input type="checkbox"/> DHEA <input type="checkbox"/> Cortisol <input type="checkbox"/> Testosterone <input type="checkbox"/> Estradiol <input type="checkbox"/> Estriol <input type="checkbox"/> 17-OH <p>Progesterone</p> <input type="checkbox"/> 17-Keto Steroids <input type="checkbox"/> 17-OH Steroids <input type="checkbox"/> 16-OH Estrone <input type="checkbox"/> 2-OH Estrone <input type="checkbox"/> TSH <input type="checkbox"/> T3/T4 /rT3 <input type="checkbox"/> T3/T4/Se <p><b>Saliva (K)</b></p> <input type="checkbox"/> Mercury/Amalgam <p><b>Allergy Testing Stool</b></p> <input type="checkbox"/> Faeces culture with parasitology	<p><b>Vitamins</b></p> <input type="checkbox"/> Vitamin A (R) <input type="checkbox"/> Vitamin B1 (P) <input type="checkbox"/> Vitamin B2 (P) <input type="checkbox"/> Vitamin B3 (P) <input type="checkbox"/> Vitamin B5 (P) <input type="checkbox"/> Vitamin B6 (R) <input type="checkbox"/> Biotin B7 (P) <input type="checkbox"/> Folic Acid (R) <input type="checkbox"/> Vitamin B12 (R) <input type="checkbox"/> Methylcobalamine (R) <input type="checkbox"/> Vitamin C (R) <input type="checkbox"/> 25-OH-Vitamin D <sub>3</sub> (R) <input type="checkbox"/> 1,25 di-OH Vit.D <sub>3</sub> - (R) <input type="checkbox"/> Vitamin E (R) <input type="checkbox"/> Vitamin K1 (R) <input type="checkbox"/> Vitamin K2 (R) <input type="checkbox"/> Choline (total/free) (R) <input type="checkbox"/> BH2/BH4(R) <input type="checkbox"/> B2/FAD/FMN (R) <input type="checkbox"/> Myo-Inositol (R) <input type="checkbox"/> Carnitine free /total(R) <input type="checkbox"/> Lipoic Acid (R) <input type="checkbox"/> Coenzyme Q10 (R)
--	---	---	---	--	---

## Explanation of Panels:

**ADMA/SDMA/hARG/Arginine in plasma:** Assymmetric dimethylarginine, Symetric dimethylarginine, Homoarginine, Arginine.

**Adrenocortex stress profile in saliva ("stress-test"):** Cortisol (Morning, Noon, Afternoon, Midnight), DHEA-S, Cortisol Burden

**Amino acids:** Threonine, Valine, Methionine, Isoleucine, Leucine, Phenylalanine, Lysine, Histidine, Tryptophane, Aspartic acid, Serine, Asparagine, Glutamic acid, Glutamine, Proline, Glycine, Alanine, Cystine, Tyrosine, Arginine, Phosphoserine, Taurine, Phosphoethanolamine, Hydroxyproline, Sarcosine,  $\alpha$ -Aminoadipic acid, Citrulline,  $\alpha$ -Aminobutyric acid, Cystathionine,  $\beta$ -Alanine,  $\beta$ -Aminoisobutyric acid, Homocystine (free), Gamma-Aminobutyric acid, Ethanolamine, Hydroxylysine, Ornithine, 1-Methylhistidine, 3-Methylhistidine, Anserine, Carnosine.

**Neurotransmitters (Catecholamines) Panel in Platelets/24h Urine.:** Dopamine, Epinephrine, Norepinephrine, Serotonin, Metanephrine, Nor-metanephrine

**Carotenoids-panel:** lutein, zeaxanthin,  $\beta$ -cryptoxanthin,  $\alpha$ -carotene,  $\beta$ -carotene,  $\alpha$ -lycopene,  $\beta$ -lycopene

**Complete Urinalysis with Microscopy:** Color, Clarity, Glucose, Bilirubin, Ketone, pH, Protein, Urobilinogen, Nitrite, Blood, Leukocyte, Urine WBC, Urine RBC, Urine Bacteria, Urine Epithelial Cells, Hyaline Casts.

**DMPS extended (30 elements before and after):** Calcium, magnesium, copper, zinc, selenium, chromium, manganese, cadmium, lead, mercury, sodium, potassium, iron, nickel, aluminum, vanadium, silver, sulphur, phosphorus, molybdenum, cobalt, arsenic, lithium, iodine, antimony, beryllium, bismuth, bromine, platinum, tin

**Elements in Blood I:** Sodium, potassium, calcium, magnesium, copper and zinc in whole blood and serum. Selenium in whole blood. Sodium, potassium magnesium, copper and zinc intracellular. Zinc / copper ratio intracellular.

**Elements in Blood II:** Panel elements in blood I + chromium, manganese, molybdenum, vanadium, nickel, cobalt and lead in whole blood. Selenium, chromium in serum. Chromium and selenium intracellular.

**Elements in Blood III:** Panel elements in blood II + mercury, cadmium, arsenic and aluminium in whole blood. Cobalt, molybdenum, lead and gold in serum. Cadmium and lead intracellular.

**Elements Panel (Blood only):** Sodium, potassium, calcium, magnesium, copper, zinc, selenium, chromium, manganese, molybdenum, vanadium, nickel, cobalt, lead, mercury, cadmium, arsenic, and aluminium.

**Elements Panel (Serum only):** Sodium, potassium, calcium, magnesium, copper, zinc, selenium, chromium, manganese, molybdenum, vanadium, nickel, cobalt, lead, mercury, cadmium, arsenic, and aluminium.

**Elements in Urine I:** Sodium, potassium, calcium, magnesium, iron, copper, zinc, selenium.

**Elements in urine II:** Calcium, magnesium, copper, zinc, selenium, chromium, manganese, cadmium, lead, mercury, sodium, potassium, iron, nickel, aluminum, vanadium, silver, sulphur, phosphorus, molybdenum, cobalt, arsenic, lithium, iodine, antimony, beryllium, bismuth, bromine, platinum, tin.

**Elements in Hair I:** Calcium, magnesium, copper, zinc, selenium, chromium, manganese, cadmium, lead, mercury.

**Elements in Hair II:** Calcium, magnesium, copper, zinc, selenium, chromium, manganese, cadmium, lead, mercury, sodium, potassium, iron, nickel, aluminum, vanadium, silver, sulphur, phosphorus, molybdenum, cobalt, arsenic, lithium, iodine, antimony, beryllium, bismuth, bromine, platinum, tin.

**Enzymes Panel:** EGOT, ETKA, ESOD, EGR, EGPx, Catalase

**Folic Acid Metabolites:** Total active folate (RBC), tetrahydrofolate (THF), 5-methyl-THF, 10-formyl-THF, 5-formyl-THF, folic acid (Plasma), folinic acid (WB)

**Hormones panel-female (24h):** Estriol, Estradiol, Estrone, 2-OH Estrone 16-OH Estrone, DHEA, Cortisol, Testosterone

**Hormones panel-male (24h):** DHEA, Cortisol, Aldosterone, 17-OH Steroid, 17-Keto Steroids, Testosterone

**HPA Axis:** Corticotrophin-Releasing Factor, Adrenocorticotrophic Hormone, Beta-Endorphine, Cortisol

**Metabolic Panel:** Elements, AminoAcids, Organic Acids in 24 urine.

**Methylation panel:** S-adenosyl-methionine (RBC), S-adenosylhomocysteine (RBC), total active folate (RBC), glutathione (oxidized), glutathione (reduced), tetrahydrofolate (THF), 5-methyl-THF, 10-formyl-THF, 5-formyl-THF, folic acid, adenosine (plasma), folinic acid (WB)

**Methylation panel extended:** Methylation panel + methionine, cysteine, taurine, cystathionine, homocysteine

**MDA:** malondialdehyde assay (TBARS; thiobarbituric acid reactive substances assay).

**MNA/MMA:** Methylnicotinamide/ Methylmalonic Acid.

**Organic acids:** Citramalic, 5-hydroxymethyl-2-furoic acid, 3-oxoglutaric acid, Furan-2,5-dicarboxylic acid, Furancarboxylglycine, Tartaric acid, Arabinose, Carboxycitric acid, Tricarballic, 2-hydroxyphenylacetic acid, 4-hydroxyphenylacetic acid, Hippuric acid, 3-indoleacetic acid, HPHPA (Clostridia marker), 4-Cresol (C. difficile), Glyceric, Glycolic acid, Oxalic acid, Lactic acid, Pyruvic acid, 2-hydroxybutyric, Succinic acid, Fumaric acid, Malic acid, 2-oxo-glutaric acid, Aconitic acid, Citric acid, Homovanillic acid, Vanillylmandelic acid, 5-hydroxyindoleacetic acid, Quinolinic acid, Kynurenic acid, Uracil, Thymine, 3-hydroxybutyric acid, Acetoacetic acid, 4-hydroxybutyric acid, Ethylmalonic acid, Methylsuccinic acid, Adipic acid, Suberic acid, Sebacic, Methylmalonic acid, Pyridoxic acid, Pantothenic acid, Glutaric acid, 3-hydroxy-3-methylglutaric acid, N-Acetylcysteine, Methylcitric acid, Pyroglutamic acid, Orotic acid, Hydroxyhippuric acid, 2-hydroxyisovaleric acid, 2-oxoisovaleric acid, 3-methyl-2-oxovaleric acid, Hydroxyisovaleric acid, 2-oxoisocaproic acid, 2-oxo-4-methylbutyric acid, Mandelic acid, Phenyllactic acid, Phenylpyruvic acid, Homogentisic acid, 4-hydroxyphenyllactic, N-acetyl-aspartic acid, Malonic acid, Methylglutaric acid.

**Peptide Hormones:**  $\alpha$ -MSH,  $\beta$ -MSH,  $\gamma$ -MSH,  $\beta$ -Endorphin, Oxytocin, Vasopressin, Angiotensin II, ACTH (AdrenoCorticoTrophic Hormone)

**SAM/SAH:** S-adenosylmethionine / S-adenosylhomocysteine

**Sulphur aminoacids in plasma:** Cysteine, Cystathionine, Taurine, Methionine, Homocysteine.

**Sulphur metabolites in Urine:** Sulphur-total, sulphate-free, sulphite, thiosulphate, thiocyanate.

**Thyroid Panel urine (24h):** T3, T4, rT3, TSH, Cortisol, Sodium, Potassium, Calcium, Magnesium, Zinc, Copper, Iron, Selenium.

**Toxic-panel in Blood (plasma):** Pentane, hexane, perchloorethylene, isopropyl-acetone, benzene, methylbenzene (toluene), xylene, methyl- $\beta$ -naftalene, polychlorobifenyls (PCB's), difluorbenzamide.

**Toxic-panel in Urine:** 2,5-Hexandione (hexane-metabolites), muconic acid (benzene-metabolites), mercapturic acid (benzene-metabolites), *m*-methylhippuric acid (xylene-metabolites), *p*-glycolic acid (ethylbenzene-metabolites), dialkylphosphate (DAP, organofosfate-metabolites), acrolein (plastic-metabolites)

**Vitamin panel 4:** vitamin A (retinol), vitamin B<sub>1</sub>, vitamin B<sub>6</sub>, vitamin E

**Vitamin panel 8:** Vitamin Panel (4) + vitamin B<sub>12</sub> (cobalamin), vitamin C (ascorbic acid), B<sub>3</sub>, vitamin B<sub>3</sub>, Folic acid.

**Vitamin panel 12:** Vitamin Panel (8) vitamin B<sub>2</sub>, vitamin B<sub>5</sub>, Biotin, Carotenoids.

**Vitamin panel 16:** Vitamin Panel (12)+ vitamin D<sub>3</sub> (25-hydroxy-vitamin D<sub>3</sub>), vitamin K<sub>1</sub>, CoQ10, Carnitine (free).

**Vitamin panel 19:** Vitamin Panel (16)+ Carnitine (total), Acylcarnitine, Lipoic Acid.

**Vitamin A/D/E/K/CoQ10/Carotenoids Panel:** Vitamin A (as retinol), Vitamin D (as 25-hydroxyvitaminD<sub>3</sub>), Vitamin E (as  $\alpha$ -Tocopherol), Vitamin K<sub>1</sub>, Vitamin K<sub>2</sub> (MK-4, MK-7, MK-8, MK-9), Coenzyme Q10, Carotenoids-panel (lutein, zeaxanthin,  $\beta$ -cryptoxanthin,  $\alpha$ -carotene,  $\beta$ -carotene,  $\alpha$ -lycopene,  $\beta$ -lycopene).

e-mail: info@hdri-usa.com — website: www.hdri-usa.com

By sending a specimen to HDRI you accept to pay for the cost of the test in full.

**Specimen processed by:**  
Version 2019-03