



آزمایشگاه فرزانهگان

مرکز تخصصی غربالگری و تشخیص بیماریهای متابولیک ارثی و بیوشیمی اختصاصی

فرم درخواست تستهای تشخیصی

آزمایشگاه ارجاع دهنده:

پزشک معالج:

نام بیمار:

کد پذیرش:

تاریخ:

سن بیمار:

Profiles

- Acylcarnitines Profile** by MS/MS (confirmation by LC-MS/MS) Plasma DBS
- Amino Acids Profile** by LC-MS/MS (38 amino acids) Plasma Urine CSF
- Bile Acids Profile** by LC-MS/MS in Serum
- Neurotransmitter Metabolites** (VMA, HVA, 5HIAA) by LC-MS/MS Urine 24hUrine
- Neurotransmitters** (epinephrine, norepinephrine, dopamine, metanephrine, normetanephrine, serotonin) by LC-MS/MS in 24hUrine
- Organic acids and Acylglycines Profile** by GC-MS & LC-MS/MS in Urine
- Purines and Pyrimidines Profile** by LC-MS/MS in Urine
- Pterins Profile** (neopterin, biopterin, dihydrobiopterin, primapterin) by LC-MS/MS Urine CSF
- Very Long Chain and Branched Chain Fatty Acids Profile** by LC-MS/MS in Plasma

Panels

- Creatine Disorders Panel** (Creatine, Guanidinoacetic acid) by LC-MS/MS in Urine and Plasma
- Cystinuria Panel** (Cys-Cys, Arg, Lys, Orn) by LC-MS/MS in Urine
- Neurotransmitter Disorders Panel** by LC-MS/MS CSF Urine
- PKU Panel** (Phe, Tyr) Plasma DBS
- Pyridoxine Dependent epilepsy Panel** (pipercolic acid + α -amino adipic semialdehyde) by LC-MS/MS Plasma Urine

Single tests

- Aminolevulinic acid** by LC-MS/MS in Urine
- Coenzyme Q10** by LC-MS/MS in Serum/Plasma
- Cystine** by LC-MS/MS Plasma Urine WBC
- 7-Dehydrocholesterol** by LC-MS/MS in plasma
- Dopamine** by LC-MS/MS Urine 24hUrine
- Epinephrine** by LC-MS/MS Urine 24hUrine
- Gamma-aminobutyric acid (GABA)** by LC-MS/MS in CSF
- Homogentisic acid** by LC-MS/MS in Urine
- Homovanillic acid (HVA)** by LC-MS/MS Urine 24hUrine CSF
- 4-Hydroxybutyric acid** by LC-MS/MS Plasma Urine CSF
- 5-Hydroxyindolacetic acid (5HIAA)** by HPLC-MS/MS Urine 24hUrine CSF
- L-Carnitine** by LC-MS/MS in Urine and Plasma
- Metanephrine** by LC-MS/MS Urine 24hUrine
- Methoxytyramine** by LC-MS/MS Urine 24hUrine CSF
- Methyldopa** by LC-MS/MS Urine 24hUrine CSF
- Methylmalonic acid** by LC-MS/MS Urine Serum/Plasma
- Methyltetrahydrofolic acid** by LC-MS/MS in CSF
- Mucopolysaccharides (Total)** in Urine
- Norepinephrine** by LC-MS/MS Urine 24hUrine
- Normetanephrine** by LC-MS/MS Urine 24hUrine
- Orotic acid and Orotidine** by LC/MS/MS in Urine
- Phenylalanine** by HPLC in Plasma
- Pipercolic acid** by LC-MS/MS in Plasma/Serum
- Serotonin (5-Hydroxytryptamine)** by LC-MS/MS Urine 24hUrine CSF
- Sialic acid** by LC-MS/MS in Urine
- Succinylacetone** by LC-MS/MS Plasma/Serum Urine
- Tyrosine** by HPLC in Plasma

Vitamins

- Vitamin A (Retinol)** by HPLC in Plasma/Serum
- Vitamin B6 (Pyridoxal Phosphate)** by LC-MS/MS in Plasma/Serum
- Vitamin C (Ascorbic acid)** by HPLC in Plasma/Serum
- Vitamin D (25-Hydroxy D3)** by HPLC in Plasma/Serum
- Vitamin E (α -Tocopherol)** by HPLC in Plasma/Serum
- β -Carotene** by HPLC in Plasma/Serum

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