



# JASEM

## ▶ Clinical Diagnostic Kits

Ready-to-use diagnostic kits for clinical analysis based on chromatography and mass spectrometry.

# Clinical Diagnostic Kits

## Metabolic Disorders

### LC-MS/MS Solutions

- Newborn Screening Kit
- Quantitative Amino Acids Kit
- Free and Total Carnitine/Acylcarnitines Kit
- Quantitative Organic Acids Kit (urine/serum)
- Lysosomal Storage Disorders Screening Kit
- Steroid Hormones Kit
- Metilmalonic Acid (MMA) Kit (serum)

### GC-MS Solutions

- Very Long Chain Fatty Acids Kit
- Urinary Organic Acids Kit
- Cholesterol and 7-Dehydrocholesterol Kit
- Guanidinoacetic Acid and Creatine Kit

### HPLC Solutions

- Aromatic Amino Acid Kit (plasma)

## Vitamin/Nutritional Status

### LC-MS/MS Solutions

- 25-OH-Vitamin D2/D3 Kit
- Vitamin A and E Kit
- Vitamin K and its Metabolites Kit
- Vitamin B1, B2 and B6 Kit

### GC-MS Solutions

- Comprehensive Fatty Acids Kit
- Omega Fatty Acids Kit
- Short Chain Fatty Acids (SCFA) Kit

### HPLC Solutions

- 25-OH-Vitamin D2/D3 Kit
- Vitamin A and E Kit

## Biogenic Amines

### LC-MS/MS – Urine Solutions

- HVA, VMA, 5-HIAA Kit
- Catecholamines, Free Metanephrines and Serotonin Kit

### LC-MS/MS – Plasma Solutions

- Catecholamines Kit
- Free Metanephrines Kit
- Serotonin Kit

## Therapeutic Drug Monitoring

### LC-MS/MS Solutions

- Immunosuppressive Drugs Kit
- Clinical Toxicology/Drugs of Abuse Kit
- TDM Kit
- Antiepileptic Drugs Kit
- Neuroleptic Drugs Kit
- Busulfan Kit
- Methotrexate Kit
- Antimycotic Drugs Kit

## Cardiovascular Biomarkers

### LC-MS/MS Solutions

- Total Homocysteine Kit
- Trimethylamine-N-oxide (TMAO) Kit

## Oxidative Stress Markers

### LC-MS/MS Solutions

- Glutathione Kit

## Other Metabolites and Pathways

### LC-MS/MS Solutions

- Kynurenine Pathway Metabolites Kit

## Occupational Medicine

### GC-MS Solutions

- 2,5-Hexanedione Kit
- Trichloroacetic acid (TCA) Kit
- Trichloroethanol (TCE) Kit
- Volatile Organic Compounds (VOC) Kit

### HPLC Solutions

- t,t-Muconic Acid Kit
- Hippuric Acid, o-,m-, p Methylhippuric Acid, Mandelic Acid and Phenylglyoxylic Acid Kit
- Phenol, o-, p-Cresol Kit

# Dried Blood Samples (DBS)

## Metabolic Disorders

### LC-MS/MS Solutions

- Metilmalonic Acid Kit
- Maple Syrup Urine Disease (MSUD) Kit
- Succinylacetone (SUAC) Kit

### HPLC Solutions

- Aromatic Amino Acid Kit

## Vitamin/Nutritional Status

### LC-MS/MS Solutions

- Quantitative Amino Acids Kit

### GC-MS Solutions

- Comprehensive Fatty Acids Kit
- Omega Fatty Acids Kit

## Therapeutic Drug Monitoring

### LC-MS/MS Solutions

- Clinical Toxicology/Drugs of Abuse Kit

## Cardiovascular Biomarkers

### LC-MS/MS Solutions

- Total Homocysteine Kit

## Alcohol Abuse

### LC-MS/MS – DBS Solutions

- Phosphatidylethanol (PEth) Kit



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