

META Adult Process



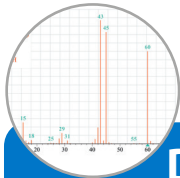
Urine

A sample of the patient's urine is collected



GCMS Analysis

100+ metabolites are simultaneously measured in the urine sample



Data Interpretation

Detect slight changes in the metabolites concentration followed by metabolic pathway analysis



Report

Provide an evaluation of your overall health across 9 biologically significant panels and guidance to improve lifestyle

FAQ of META Adult

What are the advantages of using urine as compared to blood?

As a biological waste material, urine typically contains metabolic breakdown products from a wide range of foods, drinks, drugs, environmental contaminants, endogenous waste metabolites and bacterial by-products. It is easier to obtain in large volumes as it is mainly free from interfering proteins or lipids and chemically complex.

How reliable are the test results?

The analysis of your specimen is performed in our clinical laboratory approved by the Kanazawa Health and Social Welfare Bureau of Japan. Our laboratory is also accredited by the European Research Network for evaluation and improvement of screening, Diagnosis and treatment of Inherited Disorders of Metabolism (ERNDIM) and the Centers for Disease Control and Prevention (CDC).

What are the test requirements?

- First-morning midstream urine specimen
- No alcohol intake the night before urine collection
- No food consumption after 10:00 PM the night before urine collection

How do I go about taking the test?

Please approach our sales representatives for more information.

What information will the report provide?

The report will clearly show, in radar graph, your urinary metabolites across 9 panels, which provides a holistic picture of what is actually happening in your body.

When will I get the results?

The results will be ready in 7 to 10 working days after the laboratory receives the urine specimen.

What if my test shows a positive/susceptible result?

Consult your doctor.



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TRACKMET



META Adult

A Comprehensive Metabolic Function Profiling



Do you often experience fatigue, mood swings, acne, rashes, or food cravings?

What is a Metabolic Function Profiling Test (MFPT)?

- MFPT is a test that measures more than one hundred small molecules (metabolites) produced by a series of essential chemical reactions (metabolism) in your body
- It detects any significant metabolic imbalance in your body

Benefits of MFPT

- System-oriented
- People-centered approach
- Focuses on prevention of disease
- Identifies the root of cause
- Provides insights into your overall health status

Who should consider taking MFPT?

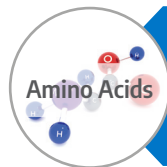
If you want to understand how well your body functions in:

- Breaking down carbohydrates and maintaining sugar level
- Utilization of Amino Acids for muscle build-up
- Oxidizing fats for energy generation

If you are interested to find out:

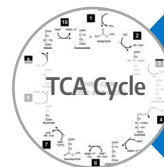
- Whether your body is efficiently producing the energy that you need for your daily activity.
- If you have sufficient levels of hormones, which are necessary for controlling body functions such as growth and repair.
- Or the vitamins you take have been converted into t

Panels included in MFPT



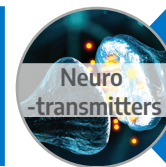
Amino Acids

- Building blocks of protein
- 30+ metabolites



TCA Cycle

- Energy production
- 10+ metabolites



Neuro-transmitters

- Chemical messengers
- 10+ metabolites



Carbohydrates

- Energy production
- 20+ metabolites



Nucleic Acids

- Building blocks of DNA/RNA
- Energy carrier (ATP)
- 10+ metabolites



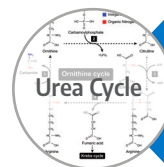
Vitamins

- Key player in energy production and functional nervous system
- 5+ metabolites



Fatty Acids

- Building blocks of cell membrane
- Energy production
- 10+ metabolites



Urea Cycle

- Removal of excessive nitrogen from our body
- 5+ metabolites



Drug Safety

- Evaluates the safety of commonly used medications
- 10+ metabolites

MFPT uses 1 single urine specimen, 100+ metabolites are simultaneously measured to evaluate your overall health across 9 panels.