Pipecolic acid
SERUM

NHRPL Tariff Code:
4194
Tariff (Including VAT):
R 2,169.30*
*The listed tariff does not include logistical, collection and other services.
Mnemonic:
PAAs
Turnaround time:
As a single test: 10 work days from receipt of sample at CHM. As part of a screening panel: 15 work days from receipt of sample at CHM.
Method:
Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)

Description

Above price includes the assay, quantification and interpretation

Comments

1. This assay may be utilised as a secondary marker for peroxisomal biogenesis and pyridoxine related disorders.
2. The intake of peanut butter or a ketogenic diet should be avoided for 48 hours (or longer) before sample collection.

Information Required with sample(s):

Absent clinical details may affect the interpretation of results and recommendations for further/additional testing and subsequent diagnosis of a metabolic disorder. Consent to use below information (point 4) is required according to POPIA regulation:

1. Clinical history of the patient. The referring clinician can complete the clinical history form by downloading it from the website and sending it with the sample, or emailing it to pliem@nwu.ac.za.
2. Other relevant medical reports (e.g. MRI brain, EEG, X-Ray reports, sonar reports, biopsy reports, genetic testing reports, etc) that may assist in the diagnosis of a metabolic disorder can be emailed to pliem@nwu.ac.za.
3. Cumulative, routine pathology results of the patient (including archive results available) – this must be provided and emailed to pliem@nwu.ac.za by the referring pathology laboratory.
4. Please download and complete the short consent form from the website and also indicate if the patient/family may be contacted by our rare disease biobank.

Sample requirements, viability, stability:

1. The Quantitative Amino Acids (Serum) test will be used to analyse serum pipecolic acid. Please follow the procedure provided.