

Centre for Human Metabolomics (CHM)

Test:	Quantitative Amino Acids URINE
Test Code:	4194 + 4221 + 4321 + 4188
Tariff (including VAT):	R 42.47 + R 42.47 + R 17.59 + R 1282.90 = R 1385.43
Description:	Biochemical assay includes GCMS analysis of: alanine, alpha-aminobutyric acid, valine, beta-alanine, beta-amino-isobutyric acid, leucine, isoleucine, threonine, serine, proline, asparagine, aspartic acid, methionine, hydroxyproline, glutamic acid, glutamine, phenylalanine, alpha-aminoadipic acid, glutamine, ornithine, lysine, histidine, tyrosine, tryptophane, cystine, argininosuccinic acid, beta-aminobutyric acid, cystathionine, glycine-proline, gamma-amino-butyric acid (GABA), pipercolic acid. Excludes: <i>Citrulline. Arainine and Homocvstine</i>
Turnaround time:	1. Single assay: 14 workdays from receipt of sample at PLIEM laboratory 2. Part of full metabolic evaluation: 35 work days from receipt of sample at PLIEM laboratory
Transit stability / sample viability:	Keep frozen, send on dry ice. Viability: Kept frozen – 1 year
Comments:	NO preservatives added
Sample required:	2 ml random urine
Method:	G C M S – EZ:faast kit [stable isotopes assay]
Reference range & units:	Reference ranges – age dependant. Units: mmol/mol creatinine.
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