

SERVICE DELIVERABLES FOR CEREBROSPINAL FLUID ANALYSIS

Research use only

All listed biomarkers are available for Cerebrospinal fluid samples.
Biomarkers marked with * are not available for 150 µL volume.

Name	Unit
Amino acids	
Alanine	mmol/l
Glutamine	mmol/l
Histidine	mmol/l
Lysine	mmol/l
Branched-chain amino acids	
Isoleucine	mmol/l
Leucine	mmol/l
Valine	mmol/l
Aromatic amino acids	
Phenylalanine	mmol/l
Tyrosine	mmol/l
Dietary metabolites	
Ascorbate	mmol/l
Fructose	mmol/l
Glycolysis related metabolites	
Glucose	mmol/l
Lactate	mmol/l
Pyruvate	mmol/l
Citrate	mmol/l
Myo-Inositol	mmol/l
Ketone bodies	
3-Hydroxybutyrate	mmol/l
Acetate	mmol/l
Fluid Balance	
Creatinine	µmol/l
Miscellaneous	
2-Hydroxybutyrate	mmol/l
2-Hydroxyisovalerate	mmol/l
2-Ketoisovalerate	mmol/l
3-Hydroxyisobutyrate	mmol/l
3-Hydroxyisovalerate	mmol/l
Creatine	mmol/l
Formate	mmol/l
Mannose	mmol/l
Urea*	mmol/l

If Nightingale is not able to deliver the Service Deliverables due to inability of Nightingale's Service to analyse the data with more than 20% of metabolic measures missing for a Sample, there will be no charge for the respective Sample.