

PTERIN ANALYSIS, URINE

Orderable - PTERINU

Turn Around Time: Batched approximately every three weeks

Alternate Name(s):

BH4/NB Ratio
Neopterin/Biopterin Ratio, Urine
PKU-Pterin Deficient



Laboratory:
Biochemical Genetics Lab



Requisition:
[BIOCHEMICAL GENETICS
LAB REQUISITION](#)

Specimen:

Random urine

Collection Information:

2 mL urine collected in 20 mg of ascorbic acid. Collection kits supplied by lab. Wrap sample in foil to protect from light. Sample to be sent immediately to the Core Laboratory and frozen.

Keep at -20°C



Test Schedule:
As required

Reference Ranges:

Neopterin:	>1.0 mmol/mol creatinine
Biopterin:	>0.6 mmol/mol creatinine
Neopterin/Biopterin Ratio:	0.2-3.0 Ratio
Tetrahydrobiopterin:	52-86%

Storage and Shipment:

Sample must be sent to lab **immediately** and protected from light.