

CARNITINE
(FREE) AND
ACYL
CARNITINE –
QUANTITATIVE,
PLASMA

Orderable - CARNP

Turnaround time: 10 days

Specimen:

Adult	Pediatric
6 mL Green (Sodium or Lithium Heparinized) top Vacutainer tube	0-2 years: 2 x 0.5 mL Microtainers 2-10 years: 3 mL Green top tube



Laboratory:
Biochemical Genetics Lab



Requisition:
[BIOCHEMICAL GENETICS
LAB REQUISITION](#)



Method of Analysis:
LC-MS/MS



Test Schedule:
As required

Collection Information:

Volume of plasma required is 0.5 mL.

Store plasma at -20°C and send frozen to Biochemical Genetics Laboratory.

Reference Ranges:

Acylcarnitine	Free Carnitine
<1 month: 5-15 µmol/L	<1 month: 10-30 µmol/L
>1 month: 5-20 µmol/L	>1 month: 20-53 µmol/L