

TRIGLYCERIDES  
PLASMA

## Orderable - TRIG

Turn Around Time: 24 hours

### Specimen:

Adult	Pediatric
4.5 mL Green top Vacutainer tube	0-2 years: 0.6 mL Green top Microtainer 2-10 years: 3 mL Green top



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Enzymatic Colorimetric



**Test Schedule:**  
As required

### Collection Information:

Collect blood aseptically in a Vacutainer tube.

Patient must have fasted for at least 12 hours pre-collection.

Minimum volume required for a pediatric sample is 0.2 mL

### Reference Ranges:

\* See interpretation of lipid profile

Increased risk of cardiovascular disease at triglycerides level greater than 2.0 mmol/L; increased risk of acute pancreatitis at triglycerides level greater than 10.0 mmol/L (Lancet 2014;384:626-635).

### Interpretive Comments:

Triglyceride:

Suggested optimal plasma triglyceride concentration is <1.50 mmol/L. Triglyceride level >10.00 mmol/L is a risk factor for pancreatitis

### Comments:

Cholesterol target levels are dependent upon patient 10-year risk of coronary artery disease (Can J. Cardiol 2013;29:151-67).

Dicynone (Etamsylate) at therapeutic concentrations may lead to false-low results and Ascorbic acid and calcium dobesilate cause artificially low triglyceride results.



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Intralipid is directly measured as analyte in this assay and leads to high triglyceride results.