

# AMYLASE - TOTAL, PLASMA

## Orderable - .AMY (ordered by lab only)

Turn Around Time: 4 hours

STAT: 1 hour

### Specimen:

Adult	Pediatric
4.5 mL Green (Lithium Heparin) top Vacutainer	0-2 years: 0.5 mL Green Microtainer 2-10 years: 2 mL Green top Vacutainer tube

### Collection Information:

Serum from a 5 mL Gold top or 6 mL Red top Vacutainer tube is also acceptable.

### Reference Ranges:

Adult	Pediatric
28-100 U/L	Up to 2 X Adult levels

### Interpretive Comments:

Please be advised that serum Amylase will be discontinued and will be replaced by serum Lipase at LHSC and St. Joseph's Hospital as of December 1, 2019. Amylase testing will still be available for fluids and rare conditions other than acute pancreatitis.

Amylase has been used for the initial diagnosis of acute pancreatitis. However, Lipase is now the preferred test due to its (i) better sensitivity and specificity than total amylase, (ii) wider diagnostic window than amylase.

### Comments:

Hemolyzed plasma may interfere with this test methodology.



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Enzymatic Colorimetric



**Test Schedule:**  
As required