Lab Dept:	**Chemistry**
Test Name:	**AMYLASE**

General Information

Lab Order Codes:	AMYL
Synonyms:	N/A
CPT Codes:	82150 – Amylase
Test Includes:	Amylase concentration reported in U/L.

Logistics

Test Indications:	Amylase is a hydrolytic enzyme which catalyzes the conversion of starch to the disaccharide, maltose. Assays of amylase activity in combination with lipase activity in serum/plasma are useful for the diagnosis of pancreatic disease and investigation of pancreatic function.
Lab Testing Sections:	Chemistry
Phone Numbers:	MIN Lab: 612-813-6280
	STP Lab: 651-220-6550
Test Availability:	Daily, 24 hours
Turnaround Time:	4 hours
Special Instructions:	N/A

Specimen

Specimen Type:	Blood
Container:	Green top (Li Heparin) tube **preferred** Alternate: Red, marble or gold top tube or Green (Na Hep) tube
Draw Volume:	0.6 mL blood
Processed Volume:	0.2 mL serum/plasma
Collection:	Routine venipuncture. Mix tubes containing anticoagulant by gentle inversion.

Special Processing:	Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into a plastic sample cup. Analyze sample immediately or store at refrigerated temperatures.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference Range:

Amylase (U/L)	
Age:	Range (U/L):
0 - <15 days	3-10
15 days - <13 weeks	2-22
13 weeks - <1 year	3-50
1 year - <19 years	25-101
19 – 69 years	25-125
>69 years	20-160

Critical Values:	N/A
Limitations:	N/A
Methodology:	Enzymatic CNPG3 Substrate
References:	Jacobs & DeMott Laboratory Test Handbook (2001) Lexi-Comp, Inc, Hudson, OH, 5th Edition
	Tietz Textbook of Clinical Chemistry (1999) CA Burtis, ER Ashwood, 3rd Edition, WB Saunders, Philadelpha, PA
	Biorad Multiqual Chemistry Control Product Insert, Bio-Rad Laboratories, Irvine, CA 92618
Updates:	2/17/2005: Critical value previously listed as >200 U/L. 12/22/2011: Turnaround time updated, previously listed as 4 hours. 9/10/2014: Vista update 2/8/2016: Update alt tubes 11/9/2020: Updated ref ranges and reference due to method update.