
Lab Dept: Chemistry

Test Name: TRIGLYCERIDES

General Information

Lab Order Codes: TRIG

Synonyms: N/A

CPT Codes: 84478 - Triglycerides

Test Includes: Triglyceride concentration in mg/dL.

Logistics

Test Indications: Useful for evaluating hyperlipidemia; monitoring nutritional status and risk of heart disease.

Lab Testing Sections: Chemistry

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 hours

Special Instructions: [See Patient Preparation](#)

Specimen

Specimen Type: Blood

Container: Green top (Li Heparin) tube, **preferred**
Alternate tube: SST-Serum Separator (Red, marble or gold top tube)

Draw Volume: 0.6 mL blood

Processed Volume: 0.2 mL serum/plasma

Collection: Routine blood collection. Mix tubes containing anticoagulant by gentle inversion.

Note: Venipuncture should occur prior to administration of N-Acetylcysteine (NAC) or Metamizole due to the potential for falsely depressed results.

Special Processing: Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into plastic sample cup. Analyze specimen immediately or store at refrigerated temperatures.

Do Not use ultracentrifugation.

Patient Preparation: It is recommended that patient fast for 9-12 hours prior to testing if possible.

Sample Rejection: Unlabeled or mislabeled specimen

Interpretive

Reference Range:

Age:	Acceptable (mg/dL)	Borderline (mg/dL)	High (mg/dL)
0 - 9 yrs:	0 - 75	75 - 99	<150
10 - 17 yrs:	<90	90 - 129	≥130
≥18 yrs:	<150	150 - 199	≥200

Note: The National Education Program (NCEP) has set the above guidelines for Triglycerides.

Critical Values: N/A

Limitations: Triglyceride values are decreased in samples with excessive hemolysis.

Methodology: Enzymatic

References: TGL Flex® reagent cartridge insert sheet Siemens Healthcare Diagnostics Inc, 2013-08-20 Rev E 781069.001

Tietz Textbook of Clinical Chemistry (1999) 3rd Edition, WB Saunders Company, 1999

Jacobs & DeMott Laboratory Test Handbook (2001) Lexi-Comp, Inc, Hudson, OH, 5th Edition

Biorad Liquichek Unassayed Chemistry Control Product Insert, Bio-Rad Laboratories, Irvine, CA 92618

Medical Device Correction Notice DC-16-02. A.US (3/17/2016) Siemens Healthcare Diagnostics

Updates: 2/9/2016: Update alt tube type
3/29/2016: Update collection/tubes/references

