

THIOCYANATE,
SERUM/
PLASMA

Orderable - THIO

Turn Around Time: 1 week

Alternate Name(s):

Sulfocyanate
Nitroprusside

Specimen:

6 mL Red top Vacutainer tube or 4 mL Lavender EDTA
Vacutainer tube

Collection Information:

Avoid gel-separator tubes

Minimum volume of serum required is 1.5 mL.

Separate serum or plasma and refrigerate.

Reference Ranges:

Therapeutic:
Less than 0.5 mmol/L
Toxic:
Greater than 1.7 mmol/L

Interpretive Comments:

Nitroprusside (Nipride) is used in the management of hypertensive emergencies and is metabolized to thiocyanate which is in turn excreted by the kidney. Monitoring of thiocyanate levels is critical in patients with renal dysfunction.

May be used as a marker for cyanide poisoning.

Critical Information Required:



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



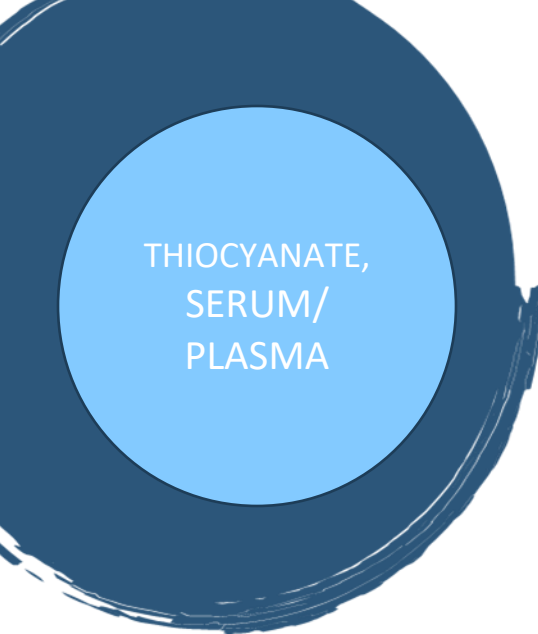
Method of Analysis:
Colorimetric



Test Schedule:
Referred out Monday-
Thursday



Referred Out Location:
[In-Common Laboratories](#)



THIOCYANATE,
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Patient's medication.

Specimen Stability:

Ambient: 72 hours
Refrigerated: 14 days
Frozen: 30 days

Storage and Shipment:

Send sample to the lab on ice packs. Keep specimen cold.