



Eosinophil Derived Neurotoxin, Serum

Test ID: EDN

Useful for:

Evaluating patients suspected to have a condition associated with eosinophilia or hypereosinophilia

Evaluating patients with elevated peripheral blood eosinophil counts

Managing patients with elevated eosinophil-derived neurotoxin in the context of eosinophil-associated diseases

Methods:

Fluorescence Enzyme Immunoassay (FEIA)

Reference Values:

<70 mcg/L: Normal

70-99 mcg/L: Borderline

> or =100 mcg/L: Elevated

Specimen Requirements:

Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 0.5 mL

Minimum Volume: 0.3 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial within 12 hours of collection. Serum cannot sit on either gel or cells for longer than 12 hours.

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	7 days
	Frozen	21 days

Cautions:

Prolonged contact of serum with the cell pellet can lead to increased concentrations of serum eosinophil-derived neurotoxin (EDN). Serum should be aliquoted into a plastic vial immediately (within 12 hours) after centrifugation.

Elevated concentrations of EDN are not diagnostic for any specific condition and should be correlated with other laboratory data and clinical information.

Normal EDN concentrations do not exclude the possibility of eosinophilia or hypereosinophilia

CPT Code:

83520

Day(s) Performed: Tuesday

Report Available: 9 a.m.

Note:

The following referral test code(s) will become obsolete.

Test Name	Test ID	Referral Lab Code	Referral Lab
Eosinophil Cationic Protein (ECP)	FECP	37914X	Quest Diagnostics

Questions

Contact Amy Ennis, Laboratory Resource Coordinator at 800-533-1710.