



## Eosinophil-Derived Neurotoxin (EDN)

Test Code: 30058

<b>CPT CODE</b>	83520
<b>SPECIMEN REQUIREMENT</b>	
Type:	Serum
Volume:	1 mL
Handling:	Blood should be allowed to clot prior to centrifugation.
Storage:	Specimens should be frozen (-70°C).
Shipping:	Ship <b>overnight</b> on dry ice
<b>METHODOLOGY</b>	Sandwich ELISA technique. Serum EDN binds to the EDN specific monoclonal antibody that is pre-coated to a micro plate. Bound EDN is detected by an enzyme-linked EDN specific monoclonal antibody. Substrate solution is added and color develops in proportion to the amount of EDN in the sample.
<b>SET-UP SCHEDULE</b>	Call for set-up schedule
<b>STANDARD TURNAROUND TIME</b>	5-7 business days from receipt of specimen
<b>CLINICAL UTILITY</b>	Upon activation, eosinophils secrete various biomarkers including EDN. Due to its important role in the inflammatory process of allergic diseases, EDN is an important marker of Eosinophil activation and degranulation.