

Patient Name :  
 DOB/Age/Gender : Bill Date :  
 Patient ID / UHID : Sample Collected :  
 Referred By : Sample Received :  
 Sample Type : Report Date :  
 Barcode No : Report Status :

Test Description	Value(s)	Unit(s)	Reference Range
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## BIOCHEMISTRY REPORT

### Neuron Specific Enolase (NSE)

NSE-Neuron Specific Enolase Method : (Serum,ECLIA)	<b>32.06</b>	ng/mL	< 16.3
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#### Interpretation:

##### INTERPRETATION :

Clinical Use : Monitoring disease progression & therapy in patients with Small cell lung carcinoma & neuroendocrine tumors **Increased levels** :

1. Malignant neuroendocrine diseases like carcinoid tumor, medullary thyroid carcinoma, Merkel cell tumor of the skin, carcinoma of pancreas & Adrenal medulla .
2. Benign Lung diseases .

##### NOTE :

- 1) False negative/positive results are observed in patients receiving mouse monoclonal antibodies for diagnosis or therapy .
- 2) NSE values regardless of levels should not be interpreted as absolute evidence of the presence or absence of disease. All values should be correlated with clinical findings & results of other investigations.
- 3) NSE values obtained with different assay methods or kits cannot be used interchangeably.
- 4) Patients on Biotin supplement may have interference in some immunoassays. With individuals taking high dose Biotin (more than 5 mg per day) supplements, at least 8-hour wait time before blood draw is recommended.



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