

S02 - NORTH EAST HEALTHCARE PVT LTD
(W-PRATIKSHA HOSP.)
GOLF COURSE EXTENSION ROAD, SECTOR-66
SUSHANT LOK-II, GURGAON



PRATIKSHA
HOSPITAL



Name	Mrs. KALPANA GARG 117292			Collected	14/9/2020 2:53:00PM
Lab No.	287520715	Age: 58 Years	Gender: Female	Received	14/9/2020 3:16:33PM
A/c Status	P	Ref By: Dr. KAUSHAL YADAV		Reported	15/9/2020 2:53:54AM
				Report Status	Final

Test Name	Results	Units	Bio. Ref. Interval
HE4 (HUMAN EPIDIDYMIS PROTEIN 4) , SERUM @ (CMIA)	130.50	pmol/L	

Interpretation

MENOPAUSAL STATUS	REFERENCE RANGE IN pmol/L
Premenopausal females	<70
Postmenopausal females	<140

- Note:**
1. Elevated HE4 levels are associated with Epithelial ovarian cancer but are not disease specific. This assay should not be used for monitoring patients with Mucinous or Germ cell ovarian cancer.
 2. A change in HE4 level of $\geq 25\%$ is considered significant. Increase in value by 25% or more is suggestive of recurrence or disease progression whereas decrease in value by 25% suggests therapeutic response.
 3. False positivity is seen in samples containing human anti-mouse antibodies.
 4. Normal levels do not preclude the presence of malignancy nor are elevated levels an absolute indicator of malignancy. Hence this assay should not be used for screening of cancer.
 5. Results should be interpreted in conjunction with other clinical & laboratory findings.

Comments

Human Epididymis Protein 4 (HE4) is a relatively new marker for Ovarian malignancy and indicates gene overexpression. It is used to monitor recurrence & disease progression in patients with Epithelial ovarian malignancy. HE4 when used in conjunction with CA 125 helps in estimating the Risk Of Ovarian Malignancy (ROMA) in premenopausal / postmenopausal females presenting with an adnexal mass.

Increased levels

Malignant conditions - Ovarian / Breast / Lung / Endometrial / Gastrointestinal cancers
Non-malignant conditions - Pregnancy, Benign gynecological diseases, Hypertension & Congestive Heart failure