

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

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

Human Epididymis Protein 4 (HE4)

HE4 (HUMAN EPIDIDYMIS PROTEIN 4) , SERUM 90.95 pmol/L
Method : ECLIA

Result rechecked. Please correlate clinically.

Interpretation:

Age (Years)	HE4 (pmol/L)
< 40	< 60.5
40-49	< 76.2
50-59	< 74.3
60-69	< 82.9
≥70	< 104

Note

- 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
- 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
- False positivity is seen in samples containing human anti-mouse antibodies
- 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
- Results should be interpreted in conjunction with other clinical & laboratory findings
- The concentration of HE4 in a given specimen, determined with assays from different manufacturers, may not be comparable due to differences in assay methods, calibration, and reagent specificity.

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



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