

Patient Name : Demo Patient Name
Age / Sex : 34 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 14-May-25 13:40
Patient ID : UHID.DEMO.001

HE4 - Human Epididymis Protein 4

Accession No: DEMO_BARCODE **Collected On:** 14-May-25 13:40 **Received On:** 14-May-25 19:46 **Approved On:** 15-May-25 10:32

Observation	Result	Unit	Biological Ref. Interval	Method
Human Epididymis Protein 4 [HE4]	38.2	pmol/L	Premenopausal:<70 Postmenopausal:≤140	ECLIA

Clinical Notes

- 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.

Clinical Use

- 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 Seen In:

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

Remarks: Please correlate results with clinical conditions and drug history.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

