

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

ROMA (Ovarian Malignancy Risk Algorithm)

CA 125; OVARIAN CANCER MARKER, SERUM Method : ECLIA	25.9	U/mL	<35
HE4 (HUMAN EPIDIDYMIS PROTEIN 4) , SERUM Method : ECLIA	38.18	pmol/L	
ROMA (Pre-menopausal) Method : ECLIA	4.2	%	

Interpretation:

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

MENOPAUSAL STATUS	ROMA IN %	RISK OF EPITHELIAL OVARIAN CANCER
Premenopausal females	< 11.4 %	Low risk
	≥ 11.4 %	High risk
Postmenopausal females	< 29.9 %	Low risk
	≥ 29.9 %	High risk

- Note:**
- This assay is intended for use in women who are >18 years of age, have an ovarian mass with planned surgery and not yet referred to an oncologist.
 - The test should not be used in women with Rheumatoid factor concentration >250 IU/mL, patients previously treated for malignancy or presently on chemotherapy.
 - This assay is not intended to be used as a screening test to determine requirement of surgery in a patient.
 - All results should be correlated with clinical / radiological evaluation.

Comments:

Risk of ovarian malignancy algorithm (ROMA) should be used as a supplement to the standard pre-surgical evaluation of a patient to assess likelihood of malignancy prior to surgery specially in those cases where presurgical evaluation does not indicate malignancy. Use of CA 125, HE4 & menopausal status to generate a numerical score helps in correlating likelihood of malignancy at the time of surgery in a patient presenting with adnexal mass.



Sohini Sengupta

Dr. Sohini Sengupta
MD (Cl Biochemistry), DNB,
FNB (Lab Medicine)
Medical Laboratory Director
HOD (Biochemistry & Special Assays)

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