

B·R·A·H·M·S μ E3 KRYPTOR

Your best option for 2nd trimester screening

Thermo Scientific™ B·R·A·H·M·S™ μ E3 KRYPTOR™ is an automated immunofluorescent assay for the quantitative determination of the concentration of unconjugated estriol (μ E3) in human serum.

- Excellent precision
- Very rapid assay time: 19 min
- Wide measuring range

Clinical Interest

Second trimester screening for fetal aneuploidies in conjunction with additional clinical and diagnostic data to assess the risk of fetal trisomy 21.



Ease of Handling

Sample volume	50 μ L
Sample type	Serum
Incubation time	19 min
Measuring range	0.13-25 nmol/L
Detection limit	0.13 nmol/L
FAS	0.38 nmol/L
Kit stability on board	15 days
Calibrator	2 point
Calibration stability	7 days



Normal Values During Pregnancy

Gestational age (completed weeks)	n	5 th percentile [nmol/L]	Median [nmol/L]	95 th percentile [nmol/L]
14	220	0.94	1.89	4.54
15	221	0.89	2.42	5.31
16	243	1.28	3.15	7.06
17	244	2.11	4.52	9.92
18	68	3.11	5.24	10.94

Reproducibility

Sample	Concentration range [nmol/L]	Within-assay CV %
1	1.7-6.8	≤5%
2	6.8-13.6	≤5%
3	≥13.6	≤5%

Sample	Concentration range [nmol/L]	Between-assay CV %
1	1.7-6.8	≤10%
2	6.8-13.6	≤7%
3	≥13.6	≤7%

Calibration

The uE3 results are given in nmol/L. As an international uE3 reference preparation is not available, the assay is calibrated using a reference preparation of synthetic uE3.

Thermo Scientific Products

Article number	Description
803.075	B·R·A·H·M·S uE3 KRYPTOR Kit, reagents for 75 determinations
80391	B·R·A·H·M·S uE3 KRYPTOR CAL Calibrator kit
80392	B·R·A·H·M·S uE3 KRYPTOR QC Control kit, 3 levels

B·R·A·H·M·S uE3 KRYPTOR is available on

<input checked="" type="checkbox"/>	B·R·A·H·M·S KRYPTOR
<input type="checkbox"/>	B·R·A·H·M·S KRYPTOR compact
<input checked="" type="checkbox"/>	B·R·A·H·M·S KRYPTOR compact PLUS
<input checked="" type="checkbox"/>	B·R·A·H·M·S KRYPTOR GOLD

B·R·A·H·M·S uE3 KRYPTOR is **CE marked**.

Clinical Diagnostics

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