

B·R·A·H·M·S hCG+ β KRYPTOR

Your best option for 2nd trimester screening

Thermo Scientific™ B·R·A·H·M·S™ hCG+ β KRYPTOR™ is an automated immunofluorescent assay for the quantitative determination of human chorionic gonadotropin (hCG) in human serum.

- Excellent precision
- Wide measurement range
- Short incubation time: 14 min

Clinical Interest

Second trimester screening for fetal aneuploidies in conjunction with additional clinical data to assess the risk of fetal trisomy 21 and trisomy 18.



Ease of Handling

Sample volume	26 μ L
Sample type	Serum
Incubation time	14 min
Direct measurement	2...2000 IU/L
Measuring range with automatic dilution	2...1 000 000 IU/L
Detection limit	2 IU/L
Kit stability on board	29 days
Calibrator	1 point
Calibration stability	15 days

Excellent Precision

Reproducibility		
Sample	Mean [IU/L]	Within-assay CV %
1	22.1	4.4%
2	67.0	2.0%
3	1 985.0	1.6%
4	1 029 580.0	1.0%

Sample	Mean [IU/L]	Between-assay CV %
1	29.2	7.4%
2	449.0	3.5%
3	950.0	3.4%
4	1 029 580.0	3.1%

Normal values

A study of 50 non pregnant women and 34 healthy men showed that 100% of the values were below 5 IU/L.

Calibration

The hCG+ β results are given in IU/L. The assay is calibrated against the 4th IS WHO 75/589.

Thermo Scientific Products

Article number	Description
841.050	B·R·A·H·M·S hCG+β KRYPTOR Kit, reagents for 50 determinations
84191	B·R·A·H·M·S hCG+β KRYPTOR CAL Calibrator kit
84192	B·R·A·H·M·S hCG+β KRYPTOR QC Control kit, 2 levels
84193	B·R·A·H·M·S hCG+β KRYPTOR QC high High-level control kit

Normal Values During Pregnancy

Gestational age (completed weeks)	n	5 th percentile [IU/L]	Median [IU/L]	95 th percentile [IU/L]
14	429	16 850	40 760	87 060
15	1 629	11 870	31 550	77 520
16	854	8 797	25 460	64 070
17	514	7 491	18 830	51 240
18	115	5 489	17 480	47 730

B·R·A·H·M·S hCG+ β KRYPTOR is available on

<input checked="" type="checkbox"/>	B·R·A·H·M·S KRYPTOR
<input checked="" 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 Free hCG+ β KRYPTOR is **CE** marked.

Clinical Diagnostics

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