



HCG-beta ($\geq 95\%$) (DAGA-774)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Human chorionic gonadotropin (hCG) is a hormone produced by the placenta after implantation. Regarding endogenous forms of hCG, there are various ways to categorize and measure them, including total hCG, C-terminal peptide total hCG, intact hCG, free β -subunit hCG, β -core fragment hCG, hyperglycosylated hCG, nicked hCG, alpha hCG, and pituitary hCG. Blood or urine tests measure hCG. These can be pregnancy tests. hCG-positive indicates an implanted blastocyst and mammalian embryogenesis. These can be done to diagnose and monitor germ cell tumors and gestational trophoblastic diseases.
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Purity	$\geq 95\%$ by SDS-PAGE
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Conjugate	Unconjugated
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Molecular Weight	22 kDa
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Format	Lyophilized
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Concentration	Batch dependent - please inquire should you have specific requirements
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Size	1 mg
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Buffer	50 mM NH ₄ HCO ₃
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Preservative	None
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Storage	2-8°C short term; -20°C long term after reconstitution. Avoid repeated freeze/thaw cycles.
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BACKGROUND

Keywords	Human chorionic gonadotropin;hCG;pregnancy tests; β -hCG; β -subunit of hCG
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