

beta-HCG native protein

beta-HCG Protein (Active)

CATALOG #
AAA59065

APPLICATIONS
ELISA

PRODUCT SYNONYMS

beta-HCG; beta-HCG Protein (Active); Chorionic gonadotropin beta subunit; hCG-b; Beta-HCG; beta-HCG native protein

PRODUCT SPECIFICATIONS

Purity/Purification	≥90% by SDS-PAGE
Form/Format	Liquid ; Each vial contains 0.01 M PBS, 0.15 M NaCl (pH 7.4) with 0.05% NaN ₃
Concentration	2.74 mg/mL (varies by lot)
Applicable Applications for beta-HCG native protein	ELISA
Source	Human pregnancy urine
Preparation and Storage	Upon receipt, aliquot and store at -20°C or -80°C for long term. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for beta-HCG native protein

Human chorionic gonadotropin (CG) is a glycoprotein hormone produced by trophoblastic cells of the placenta beginning 10 to 12 days after conception. It is a glycoprotein composed of 237 amino acids with a molecular mass of 25.7 kDa. It is heterodimeric, with an (alpha) subunit identical to that of luteinizing hormone (LH), follicle-stimulating hormone (FSH), thyroid-stimulating hormone (TSH), and (beta) subunit that is unique to hCG. Beta subunit is secreted by some cancers including seminoma, choriocarcinoma, germ cell tumors, hydatidiform moleformation, teratoma with elements of choriocarcinoma, and islet cell tumor. Combined with alpha-fetoprotein, Beta-HCG is an excellent tumor marker for the monitoring of germ cell tumors.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/native-protein/beta-hcg/59065>