



# Recombinant Human HCG alpha/beta protein (DAG-WT1845)

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

## PRODUCT INFORMATION

<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	ELISA, CLIA, LFIA,
<b>Format</b>	Liquid or Lyophilized powder
<b>Size</b>	100 µg, 500 µg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C to -80°C. Avoid repeated freeze/thaw cycles

## BACKGROUND

<b>Introduction</b>	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 $\beta$ -subunit hCG, $\beta$ -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.
<b>Keywords</b>	Human chorionic gonadotropin; hCG