Chorionic Gonadotropin Alpha Poly (CGalpha) ELISA Kit for Cavy

PRODUCT OVERVIEW

Product Name	Chorionic Gonadotropin Alpha Polypeptide (CGalpha), ELISA Kit
Full Product Name	Cavy Chorionic Gonadotropin Alpha Polypeptide ELISA Kit
Product Gene Name	CGalpha elisa kit
Species Reactivity	Cavy
Preparation and Storage	Store all reagents at 2-8 degree C
Related Product Information for CGalpha elisa kit	MBS069764 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Chorionic Gonadotropin Alpha Polypeptide (CGalpha) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CGalpha. The ELISA analytical biochemical technique of the MBS069764 kit is based on CGalpha antibody-CGalpha antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CGalpha antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CGalpha. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of CGalpha elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CGalpha. It may not necessarily be applicable to this product.

NCBI GI #	15451750
NCBI GeneID	94027
NCBI Accession #	NP_149133.1
GenBank Nucleotide #	NM_033142.1
NCBI Official Full Name	chorionic gonadotropin, beta polypeptide 7
NCBI Official Synonym Full Names	chorionic gonadotropin, beta polypeptide 7
NCBI Official Symbol	CGB7
NCBI Official Synonym Symbols	CGB6; CG-beta-a
NCBI Protein Information	chorionic gonadotropin, beta polypeptide 7; chorionic gonadotropin beta 7 subunit
NCBI Summary for CGalpha	This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 7 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq, Jul 2008]
Research Articles on CGalpha	**1.** Expression of the CGB7 gene is upregulated upon p53 induction in human HFF, HCT116 and DLD1 cells as well as in cell preparations enriched in human primary first-trimester trophoblasts.

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