

hCG beta protein, His tag

Cat. No. GTX138833-pro**Applications** ELISA, Lateral Flow, Sandwich ELISA**Species** Human**Package**

100 µg

Applications

Application Note

Recommended antibody pairs for sandwich ELISA:

Capture: GTX641721, Detection: GTX641720

Observed MW (kDa) 40 kDa.

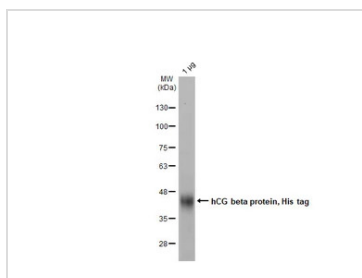
Properties

Form Lyophilized powder**Buffer** Reconstitute with distilled water to 1 mg/ml. Lyophilized from PBS, 2% Trehalose, 5% Mannitol, 0.01% Tween-80.**Preservative** No preservatives**Storage** Store at 4°C or below. After reconstitution, keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. For long-term storage after reconstitution, aliquot and store at -70°C or below. Do not vortex.**Region/Sequence** C-terminal His tagged hCG beta protein (1-165 a.a. of NP_000728.1)**Expression System** HEK293 cells**Purity** >85%**Conjugation** Unconjugated**Note**

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

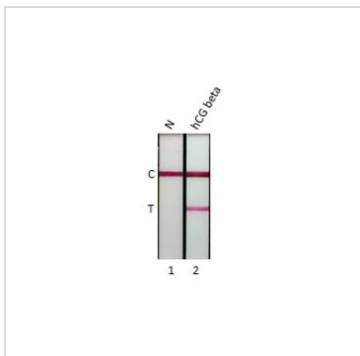
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DATA IMAGES

**GTX138833-pro Image**

GTX138833-pro Human hCG beta protein, His tag was analyzed using SDS-PAGE and stained with coomassie blue and captured by monochrome camera.

For full product information, images and publications, please visit our [website](https://www.genetex.com).



GTX138833-pro Lateral Flow Image

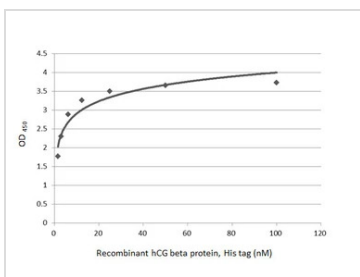
Detection of recombinant hCG beta protein by lateral flow assay using the monoclonal antibody pair.

Capture: hCG beta antibody [GT76] (GTX641721)

Detection: hCG beta antibody [GT75] (GTX641720)

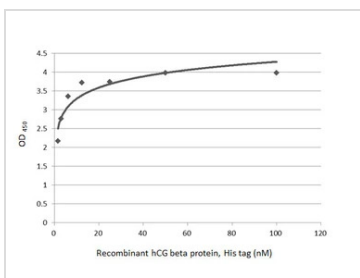
Samples (20 ng) :

1. Running buffer (N)
2. hCG beta protein (GTX138833-pro)



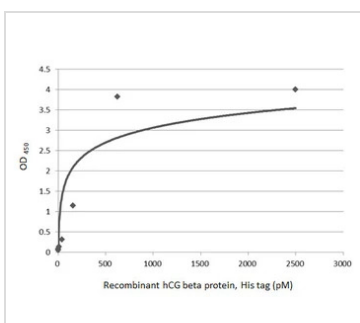
GTX138833-pro ELISA Image

Indirect ELISA analysis was performed by coating the plate with recombinant hCG beta protein, His tag (GTX138833-pro) (1.56-100 nM). Coated protein was probed with hCG beta antibody [GT76] (GTX641721) (1 µg/mL). Goat anti-mouse IgG antibody (HRP) (GTX213111-01) (1:10000) was used to detect the bound primary antibody.



GTX138833-pro ELISA Image

Indirect ELISA analysis was performed by coating the plate with recombinant hCG beta protein, His tag (GTX138833-pro) (1.56-100 nM). Coated protein was probed with hCG beta antibody [GT75] (GTX641720) (1 µg/mL). Goat anti-mouse IgG antibody (HRP) (GTX213111-01) (1:10000) was used to detect the bound primary antibody.



GTX138833-pro ELISA Sandwich ELISA Image

Sandwich ELISA detection of recombinant hCG beta protein, His tag (GTX138833-pro) using antibodies as below.

Capture: hCG beta antibody [GT76] (GTX641721) (5 µg/mL)

Detection: HRP-conjugated hCG beta antibody [GT75] (GTX641720) (1 µg/mL)

Please notice that GTX641720 needs to be conjugated to HRP to function as the detection antibody when paired with GTX641721. Please contact us for custom HRP-conjugated antibody.



For full product information, images and publications, please visit our [website](https://www.genetex.com).