

hCG beta antibody [GT76]

Cat. No. GTX641721

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	ELISA, Lateral Flow, Sandwich ELISA
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX641721, Detection: GTX641720

Please notice that the detection antibodies need to be conjugated to Gold to function when paired with capture antibodies.

Please contact us for custom Gold-conjugated antibody.

Capture : GTX641721, Detection : GTX641720

Please notice that the detection antibodies need to be conjugated to HRP to function when paired with capture antibodies.

Please contact us for custom Gold-conjugated antibody.

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml
Immunogen	Full length human hCG beta recombinant protein.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

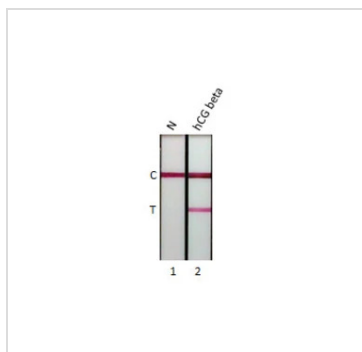


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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX641721 Lateral Flow Image

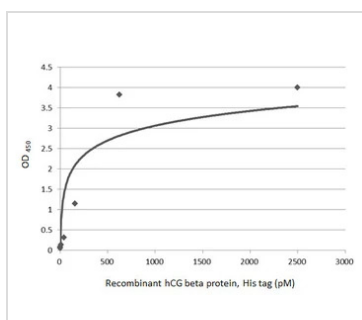
Detection of recombinant hCG beta protein by lateral flow assay using the monoclonal antibody pair.

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)

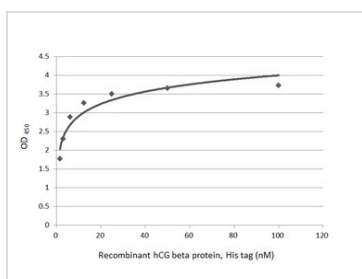

GTX641721 ELISA Sandwich ELISA Image

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.


GTX641721 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.



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