

5-Hydroxytryptophan antibody

Cat. No. GTX134711

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	Dot, ELISA
Reactivity	Species independent

Package

100 µl, 25 µl

PRODUCT

Antibody specificity was performed with a competitive ELISA test with the following compounds:

Summary

Compounds	Cross-reactivity ratio
5HTP-G-CP	1
Serotonin-G-CP	1/> 10,000
Tyramine-G-CP	1/> 10,000
Tryptamine-G-CP	1/> 10,000

G: Glutaraldehyde, CP: Carrier Protein (Gelatin).

Applications

Application Note

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

Suggested dilution	Recommended dilution
Dot	Assay dependent
ELISA	1:1000-1:10000

Not tested in other applications.

Properties

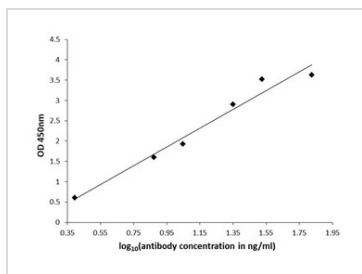
Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.63 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to 5-Hydroxytryptophan
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

For full product information, images and publications, please visit our [website](#).

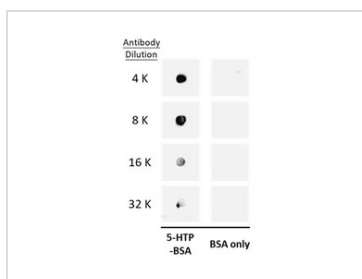
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Note

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

GTX134711 ELISA Image

ELISA plate is coated with 100 μ L of 5-hydroxytryptophan/5-HTP-carrier protein conjugate at 10 μ g/mL. The coated ligand is detected with 5-hydroxytryptophan/5-HTP antibody (GTX134711) at concentrations ranging from 630 ng/mL down to 2.3 ng/mL. Rabbit IgG antibody (HRP) (GTX213110-01) is diluted at 1:2,000 and used to detect the primary antibody.


GTX134711 Dot Image

Dot blot analysis of 100 ng BSA-conjugated 5-hydroxytryptophan/5-HTP, using 5-hydroxytryptophan/5-HTP antibody (GTX134711) at 1:4000, 1:8000, 1:16000 and 1:32000.



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