

## 5-Hydroxytryptophan antibody

Cat. No. GTX134711

Host	Rabbit	Package
Clonality	Polyclonal	100 µl, 25 µl
Isotype	IgG	
Applications	Dot, ELISA	
Reactivity	Species independent	

## 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



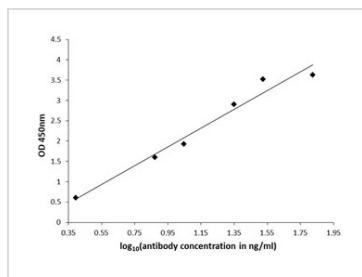
For full product information, images and publications, please visit our [website](#).

Date 2026 / 02 / 02 Page 1 of 2

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

**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  $\mu$ L of 5-hydroxytryptophan/5-HTP-carrier protein conjugate at 10  $\mu$ 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](#).

Date 2026 / 02 / 02 Page 2 of 2