

3-Methoxytyramine antibody

Cat. No. GTX134712

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
	3-Methoxytyramine-G-CP	1
	Dopamine-G-CP	1/>10,000
	Levodopa-G-CP	1/>10,000
	Tyramine-G-CP	1/>10,000
	Norepinephrine-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	0.4 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to 3-Methoxytyramine
Purification	Purified by antigen-affinity chromatography.



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Conjugation

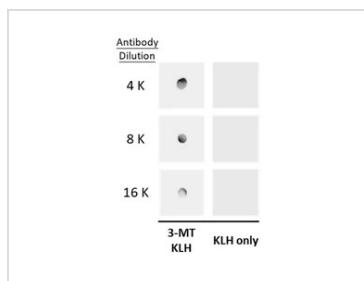
Unconjugated

Note

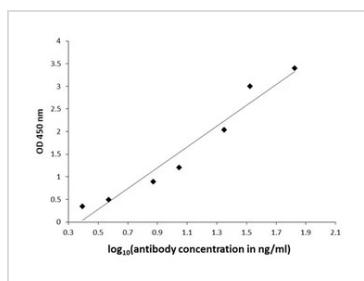
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Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

**GTX134712 Dot Image**

Dot blot analysis of 100 ng KLH-conjugated 3-methoxytyramine/3-MT, using 3-methoxytyramine/3-MT antibody (GTX134712) at 1:4000, 1:8000, and 1:16000.

**GTX134712 ELISA Image**

ELISA plate is coated with 100 μ L of 3-methoxytyramine/3-MT-carrier protein conjugate at 10 μ g/mL. The coated ligand is detected with 3-methoxytyramine/3-MT antibody (GTX134712) at concentrations ranging from 400 ng/mL down to 1.4 ng/mL. Rabbit IgG antibody (HRP) (GTX213110-01) is diluted at 1:2,000 and used to detect the primary antibody.



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