

D Amino Acid Oxidase/DAO Monoclonal Antibody(Detector)

Catalog Number:AN002550P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

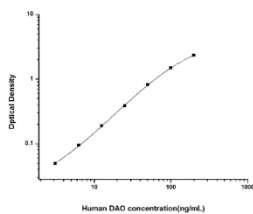
Reactivity	Human
Immunogen	Recombinant Human D Amino Acid Oxidase/DAO protein expressed by E.coli
Host	Rat
Isotype	Rat IgG2a
Clone	8C2
Purification	Protein A/G Purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications

Recommended Dilution

ELISA Detector	0.1-0.4 µg/mL
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Data



Sandwich ELISA-Recombinant Human D Amino Acid Oxidase/DAO protein standard curve. Background subtracted standard curve using D Amino Acid Oxidase/DAO antibody(AN002540P)(Capture), D Amino Acid Oxidase/DAO antibody(AN002550P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human D Amino Acid Oxidase/DAO protein is 3.13-200 ng/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

D-amino acid oxidase (DAO), with MW of 39 kDa, is a flavoprotein which uses flavin adenine dinucleotide as its prosthetic group. Its substrates include a wide variety of D-amino acids, but it is inactive on the naturally occurring L-amino acids. DAO may play a role in the pathophysiology of schizophrenia and act as a detoxifying agent which removes D-amino acids that accumulate during aging.

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