

Product Datasheet

Caspase-1 Antibody Pair [Biotin] NBP2-78858

Unit Size: 1 Set

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-78858**Caspase-1 Antibody Pair [Biotin]**

Product Information	
Unit Size	1 Set
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Conjugate	Biotin

Product Description	
Description	Sandwich ELISA for the quantitative determination of Mouse Caspase-1
Gene Symbol	CASP1
Species	Mouse
Specificity/Sensitivity	Detects mouse Caspase-1 (p10 and p20 domain). Does not detect human Caspase-1.
Kit Components	1 vial standard protein (1 ug) (lyophilized) [STD], 1 vial coating antibody (120 ug) [COAT], 1 vial detection antibody (60 ug) [DET], 1 vial streptavidin-HRP (10 ug) (lyophilized) [STREP]
Standard Curve Range	0.15ng/ml - 10 ng/ml
Sensitivity	50 pg/ml
Assay Type	Sandwich ELISA
Suitable Sample Type	Cell Culture Supernatant
Sample Volume	100 ul

Product Application Details	
Applications	Sandwich ELISA
Recommended Dilutions	Sandwich ELISA
Application Notes	<ol style="list-style-type: none"> 1. Dilute the desired amount of Coating Antibody (COAT) (1 mg/ml) (mouse monoclonal antibody) to 2 ug/ml in PBS without carrier protein and use it fresh. 2. Dilute the desired amount of Detection Antibody (DET) (0.5 mg/ml) (biotinylated mouse monoclonal antibody) to 1 ug/ml in ELISA Buffer and use it fresh. 3. Reconstitute the Streptavidin-HRP (STREP) with 100 ul ELISA Buffer. After reconstitution, prepare aliquots and store the reconstituted STREP at -20C. Avoid freeze/thaw cycles. Dilute the reconstituted Streptavidin-HRP to the working concentration by adding 10 ul in 10 ml of ELISA Buffer (1:1000). 4. Reconstitute the Standard Protein (STD) (recombinant mouse Caspase-1) with 100 ul ELISA Buffer to obtain a concentration of 10 ug/ml. After reconstitution, prepare aliquots and store the reconstituted standard at -20C. Avoid freeze/ thaw cycles. A standard curve using 2-fold serial dilutions in ELISA Buffer is recommended. Suggested standard points are 10 ng/ml, 5 ng/ml, 2.5 ng/ml, 1.25 ng/ml, 0.625 ng/ml, 0.3125 ng/ml, 0.15625 ng/ml and 0 ng/ml.





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Products Related to NBP2-78858

NB100-56564PEP	Caspase-1 Antibody Blocking Peptide
NB100-56565	Caspase-1 Antibody (14F468) - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Antibody Pairs are guaranteed for 6 months from date of receipt.

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