

Product Datasheet

Human Arachidonic Acid ELISA Kit (Colorimetric) NBP2-59872-1Kit

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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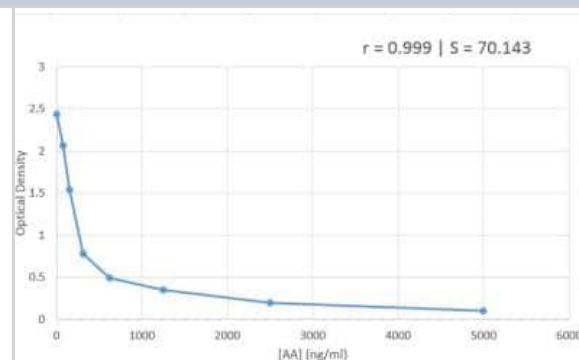


NBP2-59872-1Kit**Human Arachidonic Acid ELISA Kit (Colorimetric)**

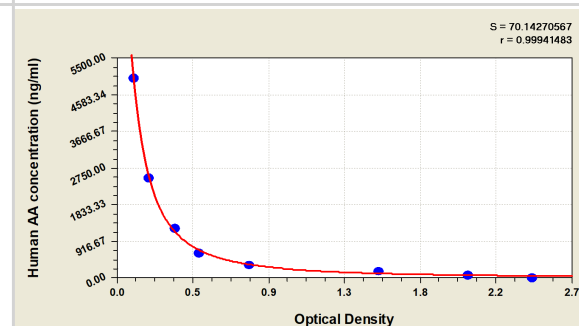
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	Assay Length: 1-5 hours
Species	Human
Specificity/Sensitivity	This assay has high sensitivity and excellent specificity for detection of human AA. No significant cross-reactivity or interference between human AA and analogues was observed.
Kit Components	Assay plate, Standard (Freeze dried), HRP-conjugate (100 x concentrate), HRP-conjugate Diluent, Sample Diluent, Wash Buffer (25 x concentrate), TMB Substrate, Stop Solution, Adhesive Strip (For 96 wells), Instruction manual
Standard Curve Range	78.125 ng/mL - 5000 ng/mL
Sensitivity	69.748 ng/mL
Inter Assay	%CV < 10
Intra Assay	%CV < 8
Assay Type	Competitive ELISA
Suitable Sample Type	Serum, plasma, cell culture supernates and tissue homogenates
Sample Volume	50 - 100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

Human Arachidonic Acid ELISA Kit (Colorimetric) [NBP2-59872] - These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



Human Arachidonic Acid ELISA Kit (Colorimetric) [NBP2-59872] - Standard Curve Reference



Publications

Xu C, Gu L, Hu L et al. FADS1-arachidonic acid axis enhances arachidonic acid metabolism by altering intestinal microecology in colorectal cancer Nature communications 2023-04-11 [PMID: 37041160]

Hu N, Bai L, Dai E et al. Pirin is a nuclear redox-sensitive modulator of autophagy-dependent ferroptosis Biochemical and biophysical research communications 2020-12-26 [PMID: 33373853] (ELISA, Human)

Baer Alan, Colon-Moran Winston, Bhattarai Nirjal. Characterization of the effects of immunomodulatory drug fingolimod (FTY720) on human T cell receptor signaling pathways. Sci Rep 2018-01-01 [PMID: 30026610] (ELISA, Human)



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Limitations

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

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