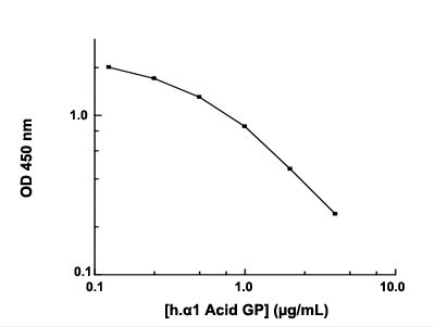
ORM2 (Human) ELISA Kit

Catalog # KA0480 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	ORM2 (Human) ELISA Kit is a competitive enzyme immunoassay for the quantitative measurement of human ORM2.
Suitable Sample	Plasma, Serum
Sample Volume	25 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.125 to 4 ug/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

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- Quantification

Gene Info — ORM2

Entrez GeneID	5005
Gene Name	ORM2
Gene Alias	AGP-B, AGP-B', AGP2
Gene Description	orosomucoid 2
Omim ID	138610
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a key acute phase plasma protein. Because of its increase due to acute inflammation, this protein is classified as an acute-phase reactant. The specific function of this protein has not yet been determined; however, it may be involved in aspects of immunosuppression. [provided by RefSeq
Other Designations	OTTHUMP00000022746|alpha-1-acid glycoprotein, type 2

Publication Reference

- External Validation of a Urinary Biomarker Risk Score for the Prediction of Steroid Responsiveness in Adults With Nephrotic Syndrome.

  Hillarey K Stone, Bin Huang, Chen Chen, Qing Ma, Michael R Bennett, Prasad Devarajan.

  Kidney International Reports 2023 Sep; 8(11):2458.

  Application: ELISA, Human, Urine

- Identifying Plasma Biomarkers with high specificity for major depressive disorder: A multi-level proteomics study.

  Yachen Shi, Ruize Song, Liping Wang, Yangjian Qi, Hongxing Zhang, Jianli Zhu, Xiaobin Zhang, Xiaowei Tang, Qiongqiong Zhan, Yang Zhao, Dick F Swaab, Ai-Min Bao, Zhijun Zhang.

  Journal of Affective Disorders 2020 Dec; 277:620.

  Application: Quant, Human, Human plasma

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- Proteomic profiling for plasma biomarkers of tuberculosis progression.

  Qiuyue Liu, Liping Pan, Fen Han, Baojian Luo, Hongyan Jia, Aiying Xing, Qi Li, Zongde Zhang

  Mol Med Rep 2018 Aug; 18(2):1551-1559.

- A Novel Biomarker Panel to Identify Steroid Resistance in Childhood Idiopathic Nephrotic Syndrome.

  Bennett MR, Pleasant L, Haffner C, Ma Q, Haffey WD, Ying J, Wagner M, Greis KD, Devarajan P.

  Biomarker Insights 2017 Mar; 12:1177271917.

  Application: Quant, Human, Urine from patients with steroid-resistant nephrotic syndrome (SRNS) or steroidsensitive nephrotic syndrome (SSNS)

- Positive acute-phase inflammatory markers in different stages of chronic kidney disease.

  Romao JE Jr, Haiashi AR, Elias RM, Luders C, Ferraboli R, Castro MC, Abensur H.

  American Journal of Nephrology 2006 Feb; 26(1):59.

  Application: Quant, Human, Serum from adult patients with chronic kidney disease

- Usefulness of microheterogeneity of serum alpha 1-acidglycoprotein as a marker for alcohol abuse.

  Tsutsumi M, Takase S.

  Alcohol 2001 Nov; 25(3):181.

  Application: Quant, Human, Human serum

- The degree of branching of the glycans of alpha(1)-acid glycoprotein in asthma. A correlation with lung function and inflammatory parameters.

  Van Den Heuvel MM, Poland DC, De Graaff CS, Hoefsmit EC, Postmus PE, Beelen RH, Van Dijk W.

  American Journal of Respiratory and Critical Care Medicine 2000 Jun; 161(6):1972.

  Application: Quant, Human, Bronchoalveolar lavage fluid, Plasma

Disease

- Breast cancer
- Genetic Predisposition to Disease
- Leukemia

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