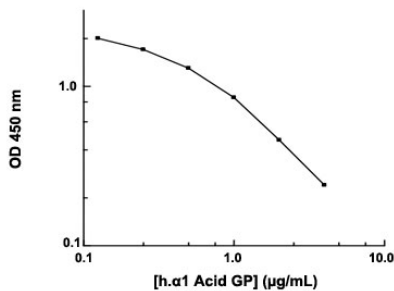


ORM2 (Human) ELISA Kit

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 µL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.125 to 4 µg/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

- 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

- [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](#)