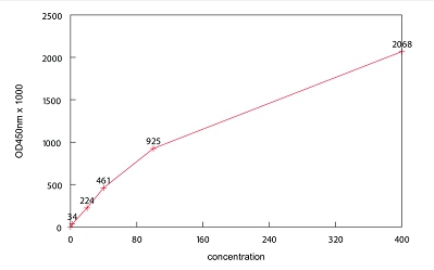
Secretory IgA (Human) ELISA Kit

Catalog # KA3980 Size 1 Kit

Applications



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

Specification

Product Description	Secretory IgA (Human) ELISA Kit is an enzyme-linked immunosorbent assay for the quantitative detection of secretory IgA in human biological fluids.
Suitable Sample	Breast Milk, Bronchoalveolar Fluid, Nasal Wash, Plasma (ACD- or heparinized), Saliva, Serum, Urine, Vaginal Secret
Sample Volume	See section of Sample processing in the protocol
Label	HRP-conjugate
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	2 to 400 ug/mL
Limit of Detection	0.6 ug/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

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Storage Instruction	Store at 2-8°C

Applications

- Quantification

Publication Reference

- Secretory IgA Is a Key Marker Among Gut Barrier Dysfunction-Related Immunoglobulins Predicting Outcomes in ACLF.

  Boglarka Balogh, David Tornai, Aniko Csillag, Istvan Tornai, Zsuzsana Vitalis, Patricia Kovats, Peter Antal-Szalmas, Tamas Dinya, Wim Laleman, Minneke J Coenraad, Jonel Trebicka, Maria Papp; MICROB-PREDICT and PREDICT study group of the EASL-CLIF consortium.

  Liver international : official journal of the International Association for the Study of the Liver 2025 Oct; 45(10):370350.

  Application: Quant, Human, Serum

- The Role of Urinary Secretory Immunoglobulin A in the Pathophysiology of Interstitial Cystitis.

  Turan Ozdemir, Bayram Aliyev, Kasim Emre Ergun, Serdar Kalemci, Fuat K?z?lay, Elif Azarsiz, Adnan ?im?ir

  Int Neurourol J 2025 Sep; 29(3):181-187.

- The primiparous IgA and IL-5 colostrum concentration based on maternal factor: corroborate the inflammation pathways to IgA colostrum synthesis.

  Kadek A Kurniawan., Sri Winarsih., Nurdiana Nurdiana., Sri Andarini., Wiwit Nurwidyaningtyas.

  AJOG Global Reports 2024 Dec; 5(1):100436.

  Application: ELISA, Human, Colostrum (breast milk)

- Vitamin A Positively Correlates with Secretory Immunoglobulin A: A Cross-Sectional Study in Omicron COVID-19 Outpatients.

  Francisco Javier Turrubiates-Hernández, Samuel García-Arellano, Laura Elena Herrera-Jiménez, Guillermo González-Estevez, Fabiola Márquez-Sandoval, Diana Lourdes Padilla-Bórquez, Hazael Ramiro Ceja-Gálvez, Natali Vega-Magaña, Ferdinando Nicoletti, Guillermina Muñoz-Ríos, José Francisco Muñoz-Valle.

  Journal of Clinical Medicine 2024 Mar; 13(6):1538.

  Application: Quant, Human, Saliva

- Secretory IgA impacts the microbiota density in the human nose.

  Rob van Dalen, Ahmed M A Elsherbini, Mareike Harms, Svenja Alber, Regine Stemmler, Andreas Peschel.

  Microbiome 2023 Oct; 11(1):233.

  Application: ELISA, Human, Nasal swab

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- Protein and Immune Component Content of Donor Human Milk in Japan: Variation with Gestational and Postpartum Age.

  Miori Tanaka, Midori Date, Kumiko Miura, Mizuho Ito, Noriko Mizuno, Katsumi Mizuno

  Nutrients 2023 May; 15(10):0.

- Significant salivary changes in relation to oral mucositis following autologous hematopoietic stem cell transplantation.

  S J M van Leeuwen, G B Proctor, A M G A Laheij, C M J Potting, O Smits, E M Bronkhorst, M D Hazenberg, T M Haverman, M T Brennan, I von Bültzingslöwen, J E Raber-Durlacher, M C D N J M Huysmans, F R Rozema, N M A Blijlevens.

  Bone Marrow Transplantation 2021 Jun; 56(6):1381.

  Application : Quant, Human, Human saliva

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