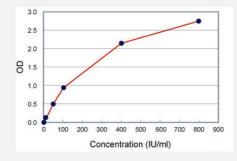


# IgE (Human) ELISA Kit

Catalog # KA0216 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	lgE (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of lgE.
Suitable Sample	Serum
Sample Volume	20 uL
Label	HRP-conjugate
Detection Method	Colorimetric
Assay Type	Quantitative
Intra-Assay	5.60%
Inter-Assay	6.00%
Spiking Recovery	98.00%
Calibration Range	0 to 800 IU/mL
Limit of Detection	5 IU/mL
Reactivity	Human
Regulation Status	For research use only (RUO)



#### **Product Information**

Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknown s. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store the kit at 4°C.

## **Applications**

Quantification

### **Publication Reference**

 Iridium nanoclusters as high sensitive-tunable elemental labels for immunoassays: Determination of IgE and APOE in aqueous humor by inductively coupled plasma-mass spectrometry.

Paula Menero-Valdés, Ana Lores-Padín, Beatriz Fernández, Héctor González-Iglesias, Rosario Pereiro.

Talanta 2022 Jul; 244:123424.

Application: Quant, Human, Human serum

IL-35 and IL-37 are negatively correlated with high IgE production among children with asthma in Saudi Arabia.

Amir Abushouk, Hamad Alkhalaf, Moniraa Aldamegh, Shehana Bin shigair, Nadin Mahabbat, Maumonah Hakami, Ahmad Saleh Abu-Jaffal and Amre Nasr.

The Journal of Asthma 2022 Apr; 59(4):655.

Application: ELISA, Human, Human serum

 Bimodal determination of immunoglobulin E by fluorometry and ICP-MS by using platinum nanoclusters as a label in an immunoassay.

Lores-Padín A, Cruz-Alonso M, González-Iglesias H, Fernández B, Pereiro R.

Mikrochimica Acta 2019 Oct; 186(11):705.

Application: Quant, Human, Commercial human serum

<u>Functionalized gold nanoclusters as fluorescent labels for immunoassays: Application to human serum immunoglobulin E determination.</u>

Alonso MC, Trapiella-Alfonso L, Fernandez JMC, Pereiro R, Sanz-Medel A.

Biosensors & Bioelectronics 2016 Mar; 77:1055.

Application: ELISA, Human, Serum



## **Product Information**

 Component-resolved diagnostic of cow's milk allergy by immunoaffinity capillary electrophoresis - matrix assisted laser desorption/ionization mass spectrometry.

Gasilova N, Girault HH.

Analytical Chemistry 2014 Jul; 86(13):6337.

Application: ELISA, Human, Serum

 Polymorphisms in the promoter of the CD14 gene and their associations with susceptibility to pulmonary tuberculosis.

Xue Y, Zhao ZQ, Chen F, Zhang L, Li GD, Ma KW, Bai XF, Zuo YJ.

Tissue Antigens 2012 Nov; 80(5):437.

Application: Quant, Human, Serum were obtained from patients before anti-TB treatment