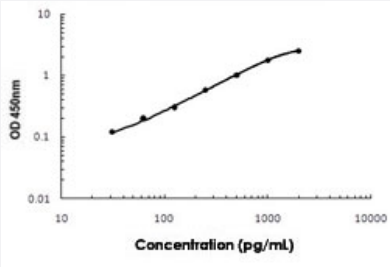
ADA (Human) ELISA Kit

Catalog # KA5127 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	ADA (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative mea surement of human ADA in cell culture supernates, serum and pleural fluid.
Suitable Sample	Cell culture supernates, Serum and Pleural fluid
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

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- Quantification

Gene Info — ADA

Entrez GeneID	100
Gene Name	ADA
Gene Alias	-
Gene Description	adenosine deaminase
Omim ID	102700 608958
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that catalyzes the hydrolysis of adenosine to inosine. Various mutations have been described for this gene and have been linked to human diseases. Deficiency in this enzyme causes a form of severe combined immunodeficiency disease (SCID), in which there is dysfunction of both B and T lymphocytes with impaired cellular immunity and decreased production of immunoglobulins, whereas elevated levels of this enzyme have been associated with congenital hemolytic anemia. [provided by RefSeq
Other Designations	adenosine aminohydrolase

Pathway

- Metabolic pathways
- Primary immunodeficiency
- Purine metabolism

Disease

- Alcoholism
- Arthritis
- Asthma

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- Autistic Disorder
- Birth Weight
- Cardiovascular Diseases
- Colonic Neoplasms
- Colorectal Neoplasms
- Coronary Artery Disease
- Crohn Disease
- Depressive Disorder
- Diabetes Mellitus
- Disease Progression
- Edema
- Fatigue
- Genetic Predisposition to Disease
- Hepatitis C
- Hyperbilirubinemia
- Hyperemia
- Hypersensitivity
- Hypertension
- Interview
- Lymphopenia
- Malaria
- Mental Disorders
- Mental Retardation
- Metabolic Syndrome X
- Microsatellite Instability
- Severe combined immunodeficiency

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- Sleep Disorders
- Sleep Initiation and Maintenance Disorders
- Viremia

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