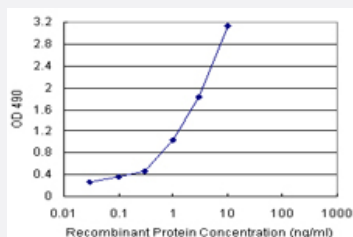


# ADA (Human) Matched Antibody Pair

Catalog # H00000100-AP21      Size 1 Set

## Applications



Sandwich ELISA detection sensitivity ranging from 0.03 ng/ml to 100 ng/ml.

## Specification

|                                |                                                                                                                                                                                                                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human ADA.                                                                                                                                                                 |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                                                            |
| <b>Quality Control Testing</b> | Standard curve using recombinant protein ( H00000100-P01 ) as an analyte.<br>Sandwich ELISA detection sensitivity ranging from 0.03 ng/ml to 100 ng/ml.                                                                                                                          |
| <b>Supplied Product</b>        | Antibody pair set content:<br>1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-ADA (100 ug)<br>2. Detection antibody: mouse purified polyclonal anti-ADA (20 ug)<br>*Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols. |
| <b>Storage Instruction</b>     | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.                                                                                               |

## Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

## 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](#)
- [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](#)
- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)
- [Viremia](#)