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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GAD2 (Human) Matched Antibody Pair

Catalog # : H00002572-AP51

規格 : [1 Set]

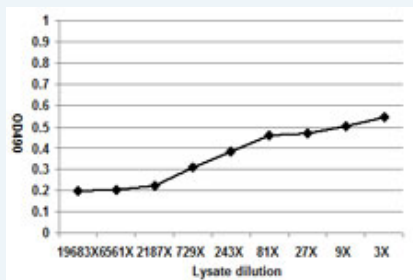
List All

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human GAD2.

Reactivity: Human

Quality Control Testing: Standard curve using GAD2 293T overexpression lysate (non-denatured) as an analyte.



Sandwich ELISA detection sensitivity ranging from approximately 2187x to 3x dilution of the GAD2 293T overexpression lysate (non-denatured).

Supplied Product: Antibody pair set content:
 1. Capture antibody: mouse monoclonal anti-GAD2, IgG2a Kappa (100 ug)
 2. Detection antibody: rabbit purified polyclonal anti-GAD2 (50 ug)
 *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction: 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 (Transfected lysate)

 Protocol Download

Gene Information

Entrez GeneID: [2572](#)

Gene Name: GAD2

Gene Alias: GAD65, MGC161605, MGC161607

Gene Description: glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)

Omim ID: [138275](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes one of several forms of glutamic acid decarboxylase, identified as a major autoantigen in insulin-dependent

diabetes. The enzyme encoded is responsible for catalyzing the production of gamma-aminobutyric acid from L-glutamic acid. A pathogenic role for this enzyme has been identified in the human pancreas since it has been identified as an autoantibody and an autoreactive T cell target in insulin-dependent diabetes. This gene may also play a role in the stiff man syndrome. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq]

Other Designations: Glutamate decarboxylase-2 (pancreas), OTTHUMP00000019335, OTTHUMP00000019336, glutamate decarboxylase 2, glutamate decarboxylase 2 (pancreatic islets and brain, 65kD)

Gene Pathway

[Alanine, aspartate and glutamate metabolism](#) [beta-Alanine metabolism](#) [Butanoate metabolism](#) [Metabolic pathways](#) [Taurine and hypotaurine metabolism](#) [Type I diabetes mellitus](#)

Related Disease

[Alcoholism](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Anorexia Nervosa](#) [Anxiety Disorders](#) [Attention Deficit Disorder with Hyperactivity](#) [Autistic Disorder](#) [Birth Weight](#) [Body Weight](#) [Bulimia](#) [Cardiovascular Diseases](#) [Cleft Lip](#) [Cleft Palate](#) [Cognition](#) [Depressive Disorder](#) [Depressive Disorder, Major](#) [Diabetes Complications](#) [Diabetes Mellitus, Type 2](#) [Disease Models, Animal](#)

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