Product Datasheet

Human IgG (H&L) Antibody (orb346638)

Catalog Number	orb346638
Category	Antibodies
Description	Human IgG (H&L) antibody
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Lyophilized
Concentration	10 mg/mL
Buffer/Preservatives	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Anti-HUMAN IgG (H&L) (GOAT) antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Human IgG and Human Serum.
Immunogen	Human IgG whole molecule
Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000

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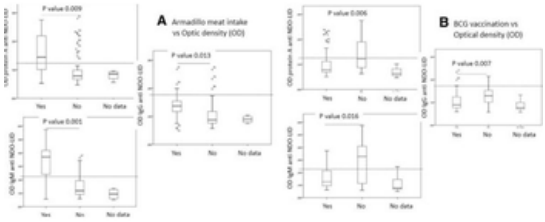
Application notes	Suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody based enzymatic assays requiring lot-to-lot consistency. Specific conditions should be optimized by researcher.
Antibody Type	Secondary Antibody
Storage	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only
Expiration Date	12 months from date of receipt.



ELISA results using Goat Anti-Human IgG. Impact of behavioral variables on M. leprae infection levels. Anti-natural octyl disaccharide-leprosy IDRI diagnostic (NDO-LID) antibody levels in children and adolescents were measured by ELISA, using either protein A, anti- IgM or anti-IgG to detect responses. In a, samples were stratified by recorded knowledge of eating armadillo meat as either yes (n = 14) or no (n = 64). In b, samples were stratified by recorded knowledge of BCG re-vaccination following identification of the index leprosy case as either yes (n = 54) or no (n = 16). Data are displayed as box and whisker plots, with the box representing the Q1 to Q3 interquartile range and the horizontal bar representing the median of the optical density of the samples. Individual dots indicate outliers, and p-values are indicated by the lines above each indicated group.

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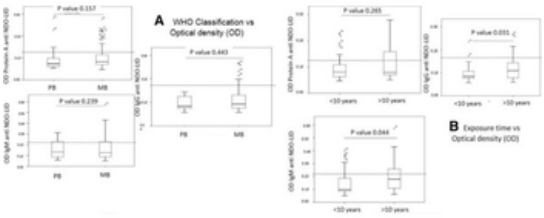

ELISA results using Goat Anti-Human IgG. Influence of index case on M. leprae infection levels. Anti-natural octyl disaccharide-leprosy IDRI diagnostic (NDO-LID) antibody levels in children and adolescents were measured by ELISA, using either protein A, anti- IgM or anti-IgG to detect responses. In a, samples were stratified by reported WHO operational classification of the index case as either MB (n = 66) or PB (n = 16). In b, samples were stratified by estimated duration of exposure to the index leprosy case as either less than 10 years (n = 45) or greater than 10 years (n = 37). Data are displayed as box and whisker plots, with the box representing the Q1 to Q3 interquartile range and the horizontal bar representing the median of the optical density of the samples. Individual dots indicate outliers, and p-values are indicated by the lines above each indicated group.

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