

# Polyclonal Antibodies

## Anti-Human IgM Whole Serum

Product Code : 00-ABD-MM-IgM-001



Immunoglobulin M (IgM) is the first and the largest antibody produced in response to an antigen. IgM is involved in complement activation, therefore leading to opsonization of antigens and cytotoxicity. Anti-Human IgM serum is used in various ELISA and immunohistochemistry assays. The presence of IgM antibodies in a patient's serum indicates recent infection, or in case of a neonate's serum, indicates intrauterine infection. Anti-Human IgM is used in the development and manufacturing of various qualitative and quantitative assays based on RID, IEP, ELISA, latex enhanced immunoturbidimetric assays, Ouchterlony double diffusion, western blot, and precipitation assay.

### Specifications:

#### PARAMETERS

Host

Immunogen

Grade

Physical Appearance

Titre (Reverse Single Radial Immunodiffusion)

Shelf life

Buffer details\*

Total Protein (Biuret Method)

Cholesterol (CHOD

Enzymatic method)

Specificity

(Immunoelectrophoresis)

pH

Storage conditions

#### ACCEPTANCE CRITERIA

Goat

Human IgM- $\mu$  chain

Whole Serum

Straw to brownish yellow clear liquid without any suspended particles

$\geq 8$  mg/ml

3 years

Tris saline with 15 mM  $\text{NaN}_3$ , pH  $7.4 \pm 0.2$

50 to 140 mg/ml

$\leq 50$  mg/dl

Monospecific to IgM when reacted with normal human serum

7.0 to 8.0

2 to 8°C

\*Buffer composition can be customised as per the customer requirements. Product can be further customised as per the specific requirements.

For research use or further manufacturing purposes only

#### CORPORATE OFFICE:

17<sup>th</sup> Floor, Hoechst House,  
Nariman Point,  
Mumbai - 400 021, India  
Tel: +91 22 6656 0900

#### PLANT ADDRESS:

Plot No. A-334/336/338, A-337 & 339  
Road No. 25 & 26, Wagle Estate,  
Thane - 400 604, India.  
Tel: +91 865 7428 612 / 613 / 614

#### EMAIL ADDRESS:

info@advychemical.com

#### WEBSITE:

www.advychemical.com



# Polyclonal Antibodies

## Anti-Human IgM Fractionated

Product Code : 00-ABD-MM-IgM-001



ADVY

Immunoglobulin M (IgM) is the first and the largest antibody produced in response to an antigen. IgM is involved in complement activation, therefore leading to opsonization of antigens and cytotoxicity. Anti-Human IgM serum is used in various ELISA and immunohistochemistry assays. The presence of IgM antibodies in a patient's serum indicates recent infection, or in case of a neonate's serum, indicates intrauterine infection. Anti-Human IgM is used in the development and manufacturing of various qualitative and quantitative assays based on RID, IEP, ELISA, latex enhanced immunoturbidimetric assays, Ouchterlony double diffusion, western blot, and precipitation assay.

## Specifications:

### PARAMETERS

Host

Immunogen

Grade

Physical Appearance

Titre (Reverse Single Radial Immunodiffusion)

Shelf life

Buffer details\*

Total Protein (Biuret Method)

Cholesterol (CHOD

Enzymatic method)

Specificity

(Immunoelectrophoresis)

pH

Storage conditions

### ACCEPTANCE CRITERIA

Goat

Human IgM- $\mu$  chain

Fractionated

Clear, off white to Pale yellow liquid without any suspended particles

$\geq 8$  mg/ml

3 years

Saline with 15mM  $\text{NaN}_3$

25 to 150 mg/ml (Biuret);  $> 60$  mg/ml (OD at 280nm)

-

Monospecific to IgM when reacted with normal human serum

7.0 to 8.0

2 to 8°C

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