

# Polyclonal Antibodies

## Goat Anti-Human C4, Whole Serum



Product Code : 00-ABD-MM-0C4-001

Component C4 is a 210-kDa disulphide-bonded heterodimeric protein within the complement cascade. It has several critical functions in immunity, tolerance, and autoimmunity with the other immune components. It is a crucial factor in connecting the recognition pathways of the overall system instigated by antibody-antigen (Ab-Ag) complexes to the other effector proteins of the innate immune response. Anti-human C4 can be used to measure complement C4 levels in the patient serum samples.

## Specifications:

### PARAMETERS

Host

Immunogen

Grade

Physical Appearance

Titre (Reverse Single Radial Immunodiffusion)

Shelf life

Buffer details\*

Total Protein (Biuret Method)

Cholesterol (CHOD method)

Specificity

(Immunoelectrophoresis)

Specificity (Ouchterlony)

pH

Storage conditions

### ACCEPTANCE CRITERIA

Goat

Human C4

Whole Serum

Straw to brownish yellow clear liquid without any suspended particles

≥ 5.0 mg/ml

3 years

Tris Saline with 15mM NaN<sub>3</sub>, pH 7.4 ± 0.2

50 to 130 mg/ml

≤ 50 mg/dl

Monospecific to C4 when reacted with pooled human plasma & 2X normal human serum

Monospecific 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

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