

# Polyclonal Antibodies

## Normal Goat Serum



ADVY

Product Code : 00-ABD-NG-NGS-001

Normal serum provides a sufficient quantity of endogenous proteins to saturate and block non-specific binding sites on fixed samples or assayed substrates. Normal goat serum is used extensively for the blocking of non-specific antibody binding in immunohistochemistry staining, and in other applications of antibodies. The goat serum blocks the binding of Fc receptors in the sample to the primary and secondary antibodies used in the experiment. It also blocks the non-specific binding of the antibodies to the sample. Often the blocking serum is from the species in which the secondary antibodies were raised. Normal goat serum may be used as a blocking agent or negative control in immunoassays. For immunohistochemistry and immunocytochemistry, goat serum is used between 1%-20% as a blocking agent in various studies.

## Specifications:

### PARAMETERS

Physical Appearance

Total Protein (Biuret Method)

Shelf life

Buffer details

Cholesterol (CHOD

Enzymatic Method)

Specificity

(Immunoelectrophoresis)

Specificity (Ouchterlony)

pH

Storage conditions

### ACCEPTANCE CRITERIA

Straw to brownish yellow clear liquid without any suspended particles/Thin Tannish

30 to 80 mg/ml

3 years

20mM Tris, 250mM NaCl, 15mM NaN<sub>3</sub>, pH 7.4 ± 0.2

≤ 50 mg/dl

No arc against normal human serum

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7.0 to 8.0

2 to 8 °C

For research use or further manufacturing purposes only

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