

CERTIFICATE OF ANALYSIS

Catalog #: BN1200 **Lot #:** Enter Lot #

Description: K-Block™

K-Block™ has a proprietary blocking technology across various assay types and powerful assay interference blocking characteristics against human anti-mouse antibody (HAMA), rheumatoid factor (RF) and heterophilic antibodies (HA). The blocking effectiveness of K-Block™ has been proven in ELISA and lateral flow assay formats. The enhanced effectiveness of K-Block™ allows to add this blocker at reduced concentrations to achieve HAMA blocker cost reductions as well as broad coverage against HA/RF.

Source: Proprietary antibodies mixture made from cell culture.

Format: Purified, Liquid

Purification: Purified by Protein A

Purity: ≥ 90% by SDS-PAGE

Protein

Concentration: OD 280nm Assay ($E^{0.1\%} = 1.4$):
Acceptable Range: 5-7 mg/mL

Bioburden: Tested by Direct Inoculation
Acceptable Range: < 5 CFU/mL

Buffer: 10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.0 – 7.4

Preservative: 0.09% Sodium Azide

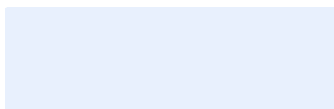
Applications: Active blocking of heterophilic antibody interference in immunoassays.
K-Block™ employs blocking technology that results in higher blocking efficiency than conventional blockers and provides broad coverage against HAMA, HA and RF interferences. Proven effective for ELISA and Lateral Flow assays. Suited for double mouse monoclonal assays.

RECOMMENDED CONCENTRATION: • For best performance, K-Block™ should be included as part of the sample or conjugate diluent, at a recommended concentration range: 0.5µg/mL – 20µg/mL (diluted samples) or 5µg/mL – 200µg/mL (non-diluted samples)

Storage: Store at 2 – 8°C for short term storage and ≤ -20°C for long term storage. Avoid multiple freeze thaw cycles.

Safety Notes: Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



DD MMM YYYY

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY