

K-BLOCK™

Cat. No. BN1200

STORE AT -30 to -10°C

DESCRIPTION

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.

SHIPPING & STORAGE INFORMATION

Store at -30 to -10°C. Avoid multiple freeze thaw cycles

SAFETY PRECAUTIONS

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

NOTES

This reagent has been manufactured under ISO13485 quality management system and is suitable for research or further manufacturing use only. Centrifuge before opening to ensure complete recovery of vial contents.

» For ordering and to learn about pack sizes, please [click here](#).

General Features/Characteristics

SOURCE	Proprietary antibodies mixture made from cell culture
FORMAT	Purified, Liquid
BUFFER	10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.0 – 7.4
PRESERVATIVES	0.09% Sodium Azide
PURIFICATION	Protein A
CONCENTRATION	OD 280nm Assay ($E^{0.1\%} = 1.4$) Acceptable Range: 5 – 7 mg/mL
PURITY	SDS-PAGE ≥ 90%
BIOBURDEN	Direct Inoculation Acceptable Range: < 5 CFU/mL

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)