

Morphine Synthetic Protein

Morphine-BSA

CATALOG #
AAA224589

APPLICATIONS
Lateral Flow, ELISA

PRODUCT SYNONYMS

Morphine; Morphine-BSA; Morphine BSA conjugate; Morphine-BSA Hapten; Morphine synthetic protein

PRODUCT SPECIFICATIONS

Purity/Purification	> 95% pure. Purification Method: Chromatography purified
Form/Format	Liquid in 20mM PBS, pH 7.4 with 50mM NaCl, and 0.1% NaN ₃ . Linked at position 3.
Concentration	8.3mg/mL Hapten/protein ratio: ~ 40:1 (varies by lot)
Applicable Applications for Morphine synthetic protein	LF (Lateral Flow), ELISA
Protein Type	Synthetic
Biological Significance	Morphine is a potent opiate analgesic medication and is considered to be the prototypical opioid. Morphine is the most abundant alkaloid found in opium. In clinical medicine, morphine is regarded as the gold standard, or benchmark, of analgesics used to relieve severe or agonizing pain and suffering.
Tag/Conjugate	BSA
Preparation and Storage	4°C short term, -20°C long term. Avoid repeated freeze-thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for Morphine synthetic protein	Drugs & Toxicology; Synthetic Protein; Hapten Conjugates
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/synthetic-protein/morphine/224589>