

## Fentanyl Synthetic Protein

Fentanyl-BSA

CATALOG #  
AAA224595APPLICATIONS  
Lateral Flow

### PRODUCT SYNONYMS

Fentanyl; Fentanyl-BSA; Actiq hapten; Duragesic hapten; Fentora hapten; Sublimaze hapten; Fentanil hapten; Fentanyl hapten conjugate; Fentanyl synthetic protein

### PRODUCT SPECIFICATIONS

|                                                        |                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form/Format                                            | Liquid antigen conjugate in distilled water with 0.01% Sodium Azide as preservative.                                                                                                                                                                                                                                                   |
| Concentration                                          | 8.3 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                              |
| Applicable Applications for Fentanyl synthetic protein | LF (Lateral Flow)                                                                                                                                                                                                                                                                                                                      |
| Protein Type                                           | Synthetic                                                                                                                                                                                                                                                                                                                              |
| Biological Significance                                | Fentanyl is a potent, synthetic opioid analgesic with a rapid onset and short duration of action. It is a strong agonist at the u-opioid receptors. Historically, it has been used to treat breakthrough pain and is commonly used in pre-procedures as a pain reliever as well as an anesthetic in combination with a benzodiazepine. |
| Tag/Conjugate                                          | BSA                                                                                                                                                                                                                                                                                                                                    |
| Additional Remarks                                     | The hapten: protein ratio is 20:1.                                                                                                                                                                                                                                                                                                     |
| Preparation and Storage                                | 4°C short term, -20°C long term. Avoid repeat freeze/thaw.                                                                                                                                                                                                                                                                             |

### ADDITIONAL INFORMATION

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|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Related Product Information for Fentanyl synthetic protein | Conjugated Fentanyl-BSA hapten                                                                                 |
| Product Categories/Family for Fentanyl synthetic protein   | <a href="#">Drugs &amp; Toxicology</a> ; <a href="#">Synthetic Protein</a> ; <a href="#">Hapten Conjugates</a> |

**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/fentanyl/224595>