

12-8179: Anti-Xylazine (Clone X0357)

Clonality : Monoclonal
Clone Name : X0357
Application : ELISA
Isotype : Mouse IgG1

Description

Specificity: Anti-Xylazine (Clone X0357) is specific for both xylazine and 4-hydroxy xylazine.

Background: Xylazine is a potent alpha-2 adrenergic agonist that was initially developed as a veterinary sedative and analgesic medication. Xylazine was not approved for human use and has been increasingly found in samples of illicit drugs like fentanyl. The increase in the detection of xylazine mixed with fentanyl has corresponded with an increase in overdose deaths. In 2023, fentanyl mixed with xylazine was declared an emerging threat by the White House's Office of National Drug Control Policy.

Product Info

Amount : 250µg
Purification : Purity: $\geq 90\%$
Preparation: This monoclonal antibody is purified by protein A chromatography or sequential differential precipitations.
Concentration: ≥ 1.0 mg/ml
Content : Formulation: Formulated in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.
Storage condition : This purified antibody is stable when stored at 2-8°C. Do not freeze.