

Xylazine-BSA Antigen

Catalog number	170106
Description	Synthetic Xylazine, BSA conjugated
Product formulation	Liquid; Antigen-BSA conjugate
Product buffer solution	Purified water
Shelf life and storage	5 years from manufacturing at -20 °C, subject to recertification thereafter. Short term storage (\leq 2 weeks): 2–8 °C. Avoid repeated freezing and thawing.
Analyte description	Xylazine is a veterinary tranquilizer and an alpha-2 adrenergic receptor agonist that is increasingly misused in combination with synthetic opioids, especially in the United States, where it has been associated with numerous overdose deaths. Detection of xylazine is critical because its effects cannot be reversed with naloxone, the standard treatment for opioid overdoses.
Product concentration	Lot-specific
Immunoreactivity	80–120 % compared to the reference sample in an FIA test
Kinetic parameters	

Kinetics	See kinetic parameters for antibody in the product specification of Xylazine mAb 140080
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Platforms tested	FIA, LF
Matched pairs	140080 (detection)
Miscellaneous	-

**Legal disclaimer**