

## Methadone Polyclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 17602

**Size:** 100ul Ig fraction (~14mg/ml) in 20mM phosphate, 150mM sodium chloride, pH 7.2, 0.09% sodium azide.

### BACKGROUND

Methadone is a synthetic opioid analgesic structurally related to propoxyphene and used clinically to decrease pain. It is often used in opioid withdrawal programs to replace dependence on heroin. Side effects associated with methadone use include physiological dependence, sedation, respiratory depression, and effects on heart and muscle. Overdose can result in stupor, hypertension, coma, and circulatory collapse.

### SPECIFICATION SUMMARY

**Antigen:** Methadone-BSA

**Host Species:** Sheep

**Working Concentration:** 0.45ug/ml (ELISA).

### DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system. Enduser should determine optimal concentrations for their applications.

### STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid repeated freeze-thaw cycles.

*For in vitro investigational use only. Not intended for diagnostic or therapeutic applications.*