

ANTIGENIX AMERICA Inc.

Super-X Plex Flow Cytometry Assay Product Information Summary

Mouse CRP **Cat No. MX30226 96 tests**
(C-Reactive Protein)

DESCRIPTION: Flow Cytometry Assay components to measure **Mouse CRP** (C-Reactive Protein) in Mouse Serum, Plasma, Cell Culture Supernatant or Cell Lysate samples. Can be custom Multi-Plexed with other assays
CRP is a ring-shaped protein found in plasma, an acute phase protein of hepatic origin and is a useful marker of inflammation.

Reference: Pepys MB, Hirschfield GM; "C-Reactive Protein- a critical update; Journal Clinical Invest.; 111 (12) 1805-12; JCI18921

NOTE: Order the matching ANTIGENIX Starter Kit (STKM10)
And **Mouse CRP Diluent kit** : cat# DKM200

Important Note: Some specimens may contain high level of CRP. For normal serum and plasma samples, **diluting samples 4,000** folds with 1x Mouse CRP Assay Buffer (see **DKM200**) is recommended for the CRP assay. Dilution factors should be optimized according to specific experimental conditions and sample types.

CONTENTS:

Antibody Conjugated Beads 100 uL (45X) **Bead Class S5P7**
Detection Antibody - Biotin 100 uL (25X)
Standard: One vial of lyophilized standard containing
Pre-mixed multiplexed analytes (see vial insert) -single
standard vial can be used for one or more assays indicated

STORAGE: Store Refrigerated (4-8° C.)

PROTOCOL: Refer to Kit protocol provided with assay ordered.
Protocol can be downloaded at website.

Assay Specifications:

Sensitivity: < 30.0 pg/mL
Sample Size: 15.0 uL per test
Range: 80.0 - 20,000 pg/mL
Intra Assay CV: <10% Inter Assay CV <20%
Recovery 70-130% standard dose

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