

Chemiscreen[™] MEMBRANE PREPARATION WILD-TYPE CHEM-1

CATALOG NUMBER:	HTS000MC1	QUANTITY:	1 mL
LOT NUMBER:		CONCENTRATION:	0.5 mg/mL
BACKGROUND:	Chem-1 cells are an adherent cell line endogenously overexpressing G _{α15} that is used as a host for Chemicon's ChemiScreen [™] GPCR Membrane Preparations. Chemicon's ChemiScreen [™] Wild-Type Chem-1 Membrane Preparations are ideal controls for validation of radioligand binding assays employing ChemiScreen [™] GPCR Membrane Preparations in the Chem-1 host cell line.		
APPLICATIONS:	Negative control in radioligand binding assay		

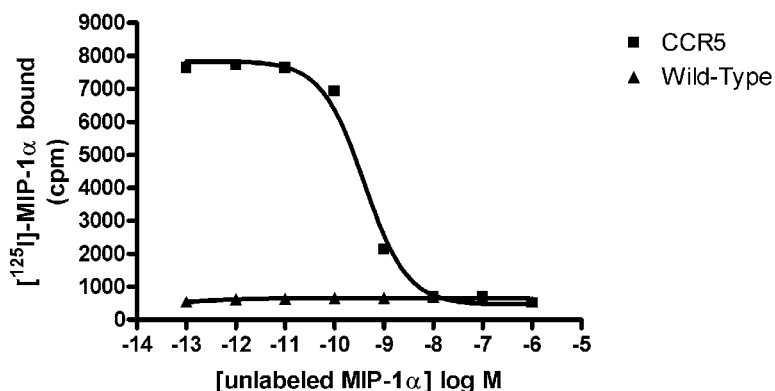


Figure 1. Competition binding of MIP-1 α to CCR5 and Wild-Type Membrane Preparations. 10 μ g/well CCR5 Membrane Preparation (catalog # HTS010M) or Wild-Type Chem-1 Membrane Preparation (catalog # HTS000MC1) was incubated with 0.1 nM [¹²⁵I]-MIP-1 α and increasing concentrations of unlabeled MIP-1 α . No specific binding of radiolabeled MIP-1 α to the Wild-Type Membrane Preparation is observed.

HOST CELLS: Chem-1

TRANSFECTION: none

PRESENTATION:

Membranes were adjusted to 0.5 mg protein/ml in 50 mM Tris pH 7.4, 10% glycerol and 1% BSA, rapidly frozen, and stored at -80°C. Use at the same protein concentration as the ChemiScreen[™] GPCR Membrane Preparations of interest.

STORAGE/HANDLING:

Maintain frozen at -70°C for up to 2 years. Do not freeze and thaw.

For research use only; not for use as a diagnostic.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

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