



Human SST4 Somatostatin Receptor Membranes

Catalog # A138; Batch 645

SPECIFICATIONS: **B_{max}** for [¹²⁵I]SST binding: 6.8 pmol/mg protein
K_d for [¹²⁵I]SST binding: 0.5 nM
Host cell: CHO-K1
GenBank Accession Number: NM_001052

PACKAGING: 400 µl of membrane suspension in storage buffer (50 mM Tris-HCl, 5 mM MgCl₂, 1 mM EGTA, 10% sucrose, pH 7.4) at a protein concentration of 1 mg/mL.

REPRESENTATIVE DATA:

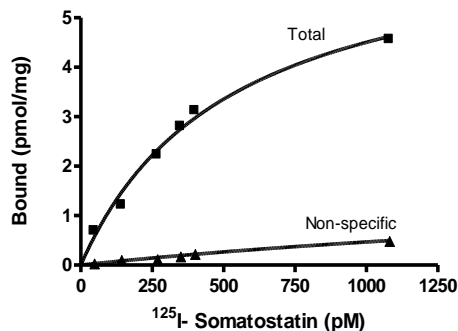


Figure 1. Radioligand binding to membranes from cells expressing SST4 receptors

RECOMMENDED ASSAY CONDITIONS. Thaw vials rapidly. Dilute membranes 20-fold with ice-cold binding buffer (50 mM Tris-HCl pH 7.5, 5 mM MgCl₂, 0.2% FAF-BSA, 1 Complete Mini-Tablet per 100 mL). Combine in a small polypropylene tube: 20 µl of diluted membranes, varying concentrations of ¹²⁵I-SST (GE Cat # IM161), un-labeled SST where appropriate and binding buffer to bring the volume to 100 µL. Following a 60 minute incubation at room temperature, filter over GF/C filters (pre-soaked in 0.5% PEI) and wash filters 5 times with ice-cold wash buffer (50 mM Tris-HCl pH 7.5, 0.2% FAF-BSA). Count filters.

STORAGE RECOMMENDATIONS: Storage at -80°C is recommended. Repeated freeze-thawing of this product is not recommended.

FOR NON-HUMAN INVESTIGATIONAL RESEARCH USE ONLY

Applied Cell Sciences Inc.
9430 Key West Av. Suite # 200
Rockville, MD 20850

Tel: 240-453-6331
inquiries@appliedcellsci.com
www.appliedcellsci.com

Your source for custom HTS reagents