

RECEPTOR MEMBRANE PRODUCT SPEC SHEET

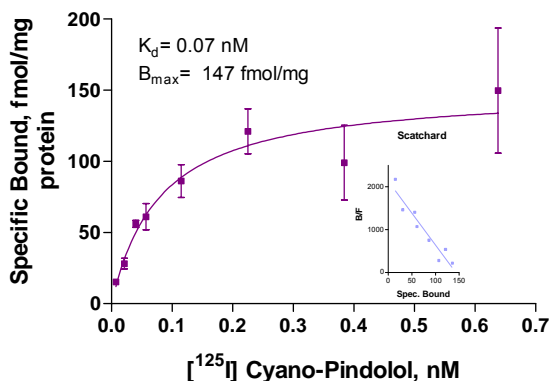
Beta 2 Adrenergic (Human)

CAT #: Ab2-100
Lot #: 56
K_d: [¹²⁵I] Cyanolpindolol = 0.07 nM
B_{max} (Receptor density): 147 fmol/mg protein
Protein Concentration: Ab2-100: 0.8mg/ml
Packaging: Membranes are suspended in 50 mM 50 mM TRIS-HCl containing 12 mM MgCl₂ and 2 mM EDTA, (pH 7.4 at 25°C).
Volume per vial: Ab2-100: 1.0ml
Assay Procedure: Thaw vials quickly; dilute with assay buffer; homogenize; store on ice until addition to assay tubes

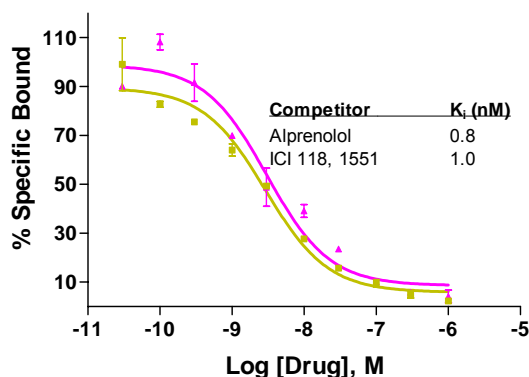
Assay buffer: 50 mM TRIS-HCl, containing 12 mM MgCl₂ and 2 mM EDTA, (pH 7.4 at 25°C)
 Assay volume: 250 µl
 Radioligand: 25 µl of [³H] Cyanolpindolol (0.05 nM final)
 Non-specific: 25 µl Alprenolol (3.0 µM final)
 Receptor: 200 µl of receptor suspension. Resuspend 100 units in 20 ml
 Incubation Time: 60 minutes
 Incubation Temp: 25°C
 Filters: GF/C, pretreated with 0.3% PEI
 Wash buffer: 50 mM NaCl, wash 5 times with 1 ml per tube.

[¹²⁵I]-Cyanolpindolol binding to Human Beta 2 Adrenergic - Lot# 56

**Ab2 (h) Saturation Analysis
Lot 56**



**Ab2 (h) Competition
Experiments**



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