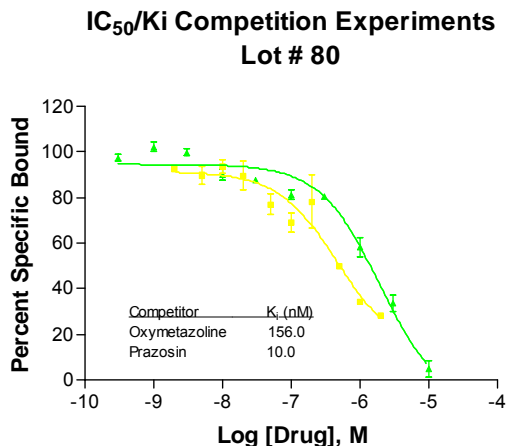
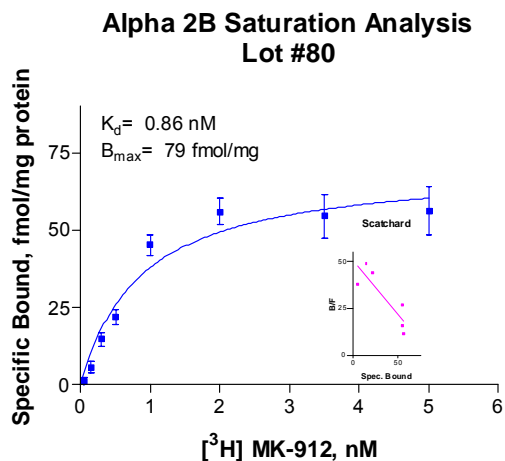


RECEPTOR MEMBRANE PRODUCT SPEC SHEET

Adrenergic, Alpha 2 B

CAT#:	Alpha 2B-100
LOT#:	80
K_d:	[³ H] MK-912 = 0.86 nM
B_{max} (Receptor Density):	79 fmol/mg protein
Protein Concentration:	Alpha 2B-100: 16.75mg/ml
Packaging:	Membranes are suspended in 50 mM TRIS-HCl containing 10% sucrose, (pH 7.4 at 25°C).
Volume per Vial:	Alpha 2B-100: 1.0 ml
Assay Procedure:	Thaw vials quickly; dilute with assay buffer; homogenize; store on ice until addition to assay tubes
Assay buffer:	50 mM TRIS-HCl, (pH 7.4 at 25°C)
Assay volume:	500 µl
Radioligand:	50 µl of [³ H] MK-912 (0.75 nM final)
Non-specific:	50 µl Norepinephrine (100 µM final)
Receptor:	400 µl of receptor suspension. Resuspend 100 units in 20 ml and 400 units in 80 ml
Incubation Time:	60 minutes
Incubation Temp:	25°C
Filters:	GF/B
Wash buffer:	50 mM NaCl, wash 5 times with 1 ml per tube

[³H]-MK-912 binding to Rodent Adrenergic Alpha 2B membranes - Lot# 80



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