

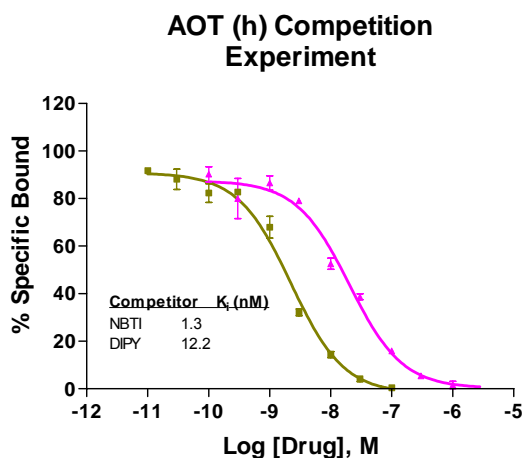
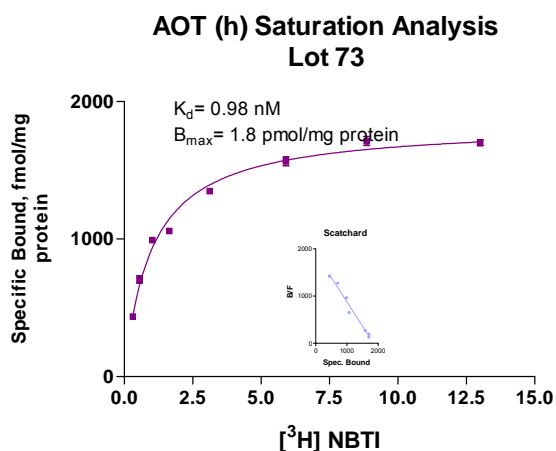
RECEPTOR MEMBRANE PRODUCT SPEC SHEET

Adenosine Transporter (Human)

CAT #: AOT-400
Lot #: 73
K_d: [³H] NBTI = 0.98 nM
B_{max} (Receptor density): 1.8 pmol/mg protein
Protein Concentration: AOT-400: 16.0mg/2ml
Packaging: Membranes are suspended in 50 mM TRIS-HCl containing 10% sucrose, (pH 7.4 at 25°C).
Volume per vial: AOT-400: 2.0ml
Assay Procedure: Thaw vials quickly; dilute with assay buffer; homogenize; store on ice until addition to assay tubes

Assay buffer: 50 mM TRIS-HCl, (pH 7.4 at 25°C)
 Assay volume: 250 µl
 Radioligand: 25 µl of [³H] NBTI (3 nM final)
 Non-specific: 25 µl NBTI (1.0 µM final)
 Receptor: 200 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]-NBTI binding to Human Adenosine Transporter - Lot# 73



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