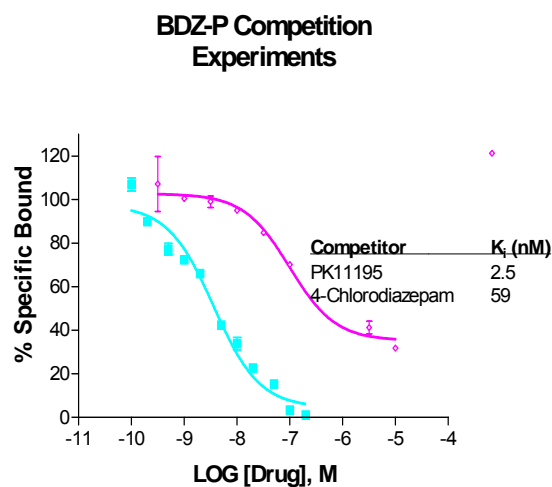
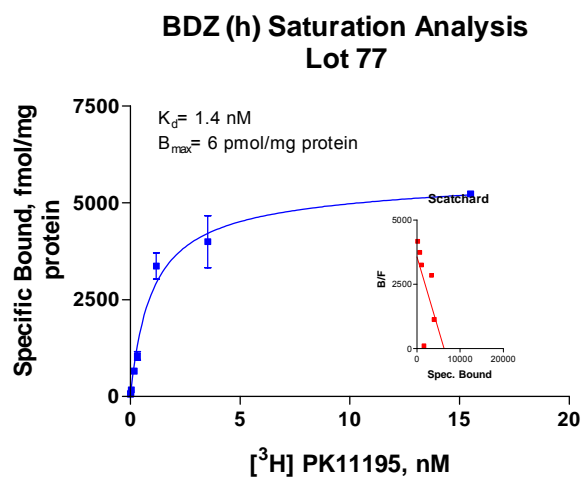


RECEPTOR MEMBRANE PRODUCT SPEC SHEET

Human Peripheral Benzodiazepine

CAT #:	BDZ-100 and BDZ-400
Lot #:	77
K_d:	[³ H] PK11195 = 1.4 nM
B_{max} (Receptor density):	6.0 pmol/mg protein
Protein Concentration:	BDZ-100: 0.5mg/0.5ml BDZ-400: 2.0mg/2ml
Packaging:	Membranes are suspended in 50 mM TRIS-HCl containing 10% sucrose, (pH 7.4 at 25°C).
Volume per vial:	AOT-100: 0.5ml 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 [³ H] PK11195 (1.0 nM final)
Non-specific:	25 µl PK11195 (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]-PK11195 binding to Human Peripheral Benzodiazepine - Lot# 77



FOR NON-HUMAN INVESTIGATION RESEARCH USE ONLY. NOT FOR RESALE

Copyright ©2007. Caliper Life Sciences Corp. All Rights Reserved.