TECHNICAL DATA SHEET

AlphaScreen® Research Reagents

Caution: For Laboratory Use. A research reagent for research purposes only

Glutathione Donor Beads

Product No.: 6765300, 6765301, 6765302, 6765303

Lot No.: 651-027-A

Material Provided

Format:

6765300	1 mg*
6765301	5 mg
6765302	25 mg
6765303	XXX mg (LQC)

*Note: 1mg translates into 2,000 assay points based on a final bead concentration of 20 µg/mL in a 25 µL/well reaction volume.

Manufacturing Date: **February 03, 2011**

Kit Components:

Component	6765300 (1 mg)	6765301 (5 mg)	6765302 (25 mg)	6765303 (LQC mg)
Glutathione Donor Beads at 5 mg/mL in 25 mM Hepes, 0.1% Tween-20, 0.05% Proclin-300, pH 7.4	1 x 200 µL (6765300)	1 x 1 mL (6765301)	1 x 5 mL (6765302)	___ x ___ mL (6765303)

Product Information

Intended use: AlphaScreen® Glutathione Donor beads specifically bind to GST-tagged proteins. This product should be used in conjunction with an AlphaScreen® or AlphaLISA® Acceptor bead.

Stability: This product is stable for at least **24 months** from the manufacturing date if used and stored under recommended conditions.

Storage Conditions: Store undiluted at 4°C protected from light. Freeze-thaw is not recommended and can cause the beads to form aggregates.

Recommended use: **AlphaScreen® donor beads are light sensitive** and should be handled under subdued or green filtered light conditions (< 100 Lux). Vortex beads prior to use.

For additional information on running AlphaScreen® assays or on potential interfering compounds, please visit our website: www.perkinelmer.com/AlphaTech

PerkinElmer® For the Better

Quality Control

Maximum signal and background counts were determined in an AlphaScreen® assay using anti-GST acceptor beads from kit 6760603 with 100 µM GST. Assay was detected on an EnVision® HTS Alpha instrument. Current lot was assayed in parallel with a previous (Reference) Glutathione donor beads lot 580-159-A to ensure consistency. A Ratio to Reference (RTR) was calculated from these results. We certify that these results meet our requirements.

TEST GST	RESULTS	REFERENCE	RTR
Maximum signal	70 441 cps	86 337 cps	0.82
Background	1 467 cps	3 033 cps	

Suggested Materials and Instrumentation

Please visit our website

www.perkinelmer.com/AlphaTech

PerkinElmer, Inc.
940 Winter Street
Waltham, MA 02451 USA
P: (800) 762-4000 or
(+1) 203-925-4602
www.perkinelmer.com