

Research Use Only. Not for use in diagnostic procedures.

## Glutathione Donor Beads

**Product No.:** 6765300, 6765301, 6765302, 6765303

**Lot No.:** 2668890

### Material Provided

<b>Format:</b>	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:** January 13, 2020

#### Kit Components:

Component	6765300 ( 1 mg )	6765301 ( 5 mg )	6765302 ( 25 mg )	6765303 ( LQC mg )
<b>Glutathione Donor Beads at 5 mg/mL in 25 mM Hepes, 0.1% Tween-20, 0.05% Kathon, pH 7.4</b>	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. All Alpha assays using the Donor beads should be performed under subdued laboratory lighting (< 100 lux). Green filters (LEE 090 filters (preferred) or Roscolux filters #389 from Rosco) can be applied to light fixtures.

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

## 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 [REDACTED] to ensure consistency. A Ratio to Reference (RTR) was calculated from these results. We certify that these results meet our requirements.

<u>TEST GST</u>	<u>RESULTS</u>	<u>REFERENCE</u>	<u>RTR</u>
Maximum signal	6,462 cps	6,202 cps	1.04
Background	1,131 cps	1,046 cps	

## Suggested Materials and Instrumentation

Please visit our website

[www.perkinelmer.com/AlphaTech](http://www.perkinelmer.com/AlphaTech)

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