

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

## Biotinylated-GST (Glutathione S-Transferase)

**Product No.:** 6760305M

**Lot No.:** 684-111-A

### Material Provided

**Format:** 6760305M 10000 Assay Points (for 6760305L 200 000 Assay Points)

Note: The number of assay points is based on a final probe concentration of 3 nM in a 25 µL/well

**Manufacturing Date:** August 12, 2011

#### Kit Components:

Component	6760305M
<b>Biotinylated-GST at 0.5 µM in 25mM Hepes, 100mM NaCl, 0.05% Proclin-300, 0.05% Tween 20, pH 7.4</b>	1 x 1.5 mL (6760305)

### Product Information

**Product Information:** The biotinylated-GST probe is designed to be used with AlphaScreen® GST detection kit (6760603). Due to the length of the linker used for the biotinylation, the biotinylated-GST cannot be recognized by AlphaScreen® GSH donor beads (6765300, 6765301, 6765302 and 6765303).

**Stability:** This product is stable for at least **12 months** from the manufacturing date if used and stored under recommended conditions.

**Storage Conditions:** Store undiluted at 4°C or lower.

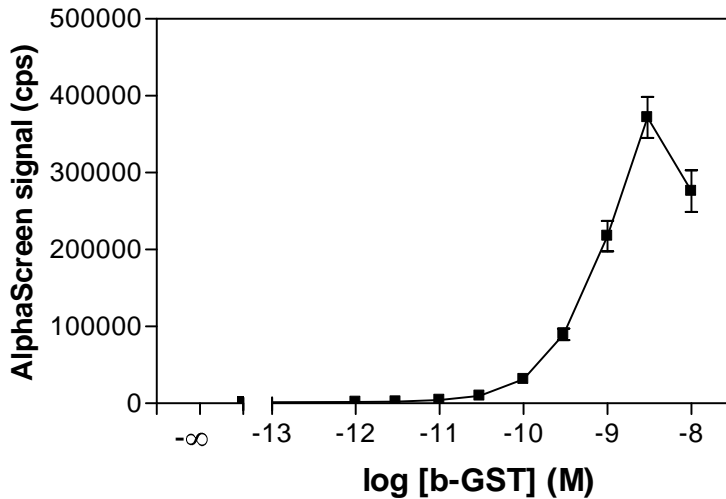
For additional information on running AlphaScreen® assays or on potential interfering compounds, please visit our website: [www.perkinelmer.com/AlphaTech](http://www.perkinelmer.com/AlphaTech)

### Quality Control

Maximum signal, minimum signal and EC<sub>50</sub> were determined using a biotinylated-GST titration assay with a GST detection kit (cat.#: 6760603). Assay was detected on an EnVision® HTS Alpha instrument. We certify that these results meet our requirements.

<u>TEST</u>	<u>RESULTS</u>
<b>Maximum signal</b>	295 125 cps
<b>Minimum signal</b>	994 cps
<b>EC<sub>50</sub></b>	0.45 nM

## Product Typical Data



**Figure 1: Biotinylated-probe titration assay**  
384-well biotinylated-GST titration curve (25  $\mu$ L final volume; Reader: Envision HTS Alpha).

**Note:** AlphaScreen<sup>®</sup> signal will vary depending on instrument detection protocol, incubation temperature and incubation time.

## Suggested Materials and Instrumentation

Please visit our website

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

**This product is not for resale or distribution except by authorized distributors.**

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