

## Microplates and Microplate Analyzers

EnVision™, Fusion™-α and AlphaQuest®-HTS microplate analyzers and Optiplate™ microplates are optimized to measure AlphaScreen signal and are available from PerkinElmer Life and Analytical Sciences.

For a complete listing of AlphaScreen products, please visit:

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

**CONTACT PERKINELMER:**  
[www.perkinelmer.com](http://www.perkinelmer.com)

For all technical assistance or to place an order, please contact:

PerkinElmer Life and Analytical Sciences  
710 Bridgeport Avenue  
Shelton, CT 06484  
USA  
800-762-4000 or 203-925-4602  
[Techsupport@perkinelmer.com](mailto:Techsupport@perkinelmer.com)

European Headquarters  
PerkinElmer Life and Analytical Sciences  
Imperiastraat 8  
BE-1930 Zaventem  
Belgium  
[Techsupport.europe@perkinelmer.com](mailto:Techsupport.europe@perkinelmer.com)

Country	Telephone
Austria	0800 293 515
Belgium	0800 94 540
Denmark	80 88 3477
France	0800 90 77 62
Germany	0800 1 81 00 32
Italy	800 79 03 10
Netherlands	0800 02 23 042
Norway	800 11 947
Spain	900 973 255
Sweden	020 79 07 35
Switzerland	0800 55 50 27
United Kingdom	0800 89 60 46

---

AlphaScreen®  
Glutathione  
Donor Beads

Product Information

---

---

TDS-6765300-1-2 -02

AlphaScreen®, AlphaQuest®, EnVision™, Fusion™, OptiPlate™ and TopSeal™ are trademarks of PerkinElmer, Inc.

Milli-Q® is a registered trademark of Millipore Corporation.

**LIMITED WARRANTY** PerkinElmer BioSignal Inc., a subsidiary of PerkinElmer Life and Analytical Sciences, warrants that, at the time of shipment, the products sold by it are free from defects in material and workmanship and conform to specifications that accompany the product. PerkinElmer BioSignal Inc. makes no other warranty, express or implied with respect to the products, including any warranty of merchantability or fitness for any particular purpose. Notification of any breach of warranty must be made within 30 days of receipt unless provided in writing by PerkinElmer BioSignal Inc. No claim shall be honored if the customer fails to notify PerkinElmer BioSignal Inc. within the period specified. The sole and exclusive remedy of the customer for any liability of PerkinElmer BioSignal Inc. of any kind including liability based upon warranty (express or implied whether contained herein or elsewhere), strict liability contract or otherwise is limited to the replacement of the goods or the refunds of the invoice price of goods. PerkinElmer BioSignal Inc. shall not in any case be liable for special, incidental or consequential damages of any kind.



## Product Information

### AlphaScreen® Glutathione Donor Beads

Catalog No.: **6765300**

Quantity: **1 mg\***

Catalog No.: **6765301**

Quantity: **5 mg**

Catalog No.: **6765302**

Quantity: **25 mg**

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

## Products

### Glutathione Donor beads – 1 mg

1 tube containing 0.2 mL of beads at 5 mg/mL in 25 mM Hepes, 0.1% Tween-20, pH 7.4.

### Glutathione Donor beads – 5 mg

1 tube containing 1 mL of beads at 5 mg/mL in 25 mM Hepes, 0.1% Tween-20, pH 7.4.

### Glutathione Donor beads – 25 mg

1 bottle containing 5 mL of beads at 5 mg/mL in 25 mM Hepes, 0.1% Tween-20, pH 7.4.

**Note:** 0.05% Proclin-300 is added as a preservative.

## Product QC/QA

Glutathione Donor beads lot to lot consistency is confirmed by detecting 100 µM of GST with AlphaScreen anti-GST Acceptor beads.

## Recommendations

AlphaScreen® Glutathione Donor beads should be used at a final concentration of 20 µg/mL for best results.

Many purified recombinant GST-tagged proteins contain significant amounts of free glutathione as a result of the elution step. Free glutathione may interfere with the detection of GST-tagged proteins by AlphaScreen Glutathione Donor beads. Dialysis of original material into glutathione-free buffer is highly recommended, prior to using AlphaScreen glutathione beads.

This product should be used in conjunction with an AlphaScreen Acceptor bead. Available Acceptor bead products which may be used with AlphaScreen Glutathione Donor beads include:

- Protein A Acceptor beads (6760137)
- Mouse IgG Detection Kit (6760606)
- Rabbit IgG Detection Kit (6760607)
- Histidine Detection Kit (Nickel chelate, 6760619)
- Various Phosphotyrosine Assay kits (6760601, 6760602, 6760620)
- PhosphoSensor Assay Kit (6760307)
- DIG Detection Kit (6760604)
- FLAG Detection Kit (6760613)
- FITC Detection Kit (6760605)
- cMyc Detection Kit (6760611)
- HA Detection Kit (6760612)

## Precautions

### 1. AlphaScreen beads are light sensitive.

- Take care not to expose beads to bright light. Beads are best handled under subdued or green filtered light conditions
- Incubation steps involving the beads should be performed in the dark. Plates can be covered by another microplate to minimize the effect of light.

### 2. Storage.

- Beads should be stored in the dark at 4°C.
- To ensure product longevity, unused AlphaScreen reagents should be stored in the original packaging, at the original concentration and at the recommended temperature.
- Do not store reagents containing BSA for more than 1 day at 4°C.