

Beads*

- Streptavidin-coated Donor beads
- Unconjugated Donor beads
- Unconjugated Acceptor beads
- Conjugation kit**

Fusion Tag Detection Kits***

- GST (Glutathione-S-Transferase) detection kit
- DIG (Digoxin/Digoxigenin) detection kit
- FITC (Fluorescein) detection kit
- HIS₆ (6-Histidine) detection kit
- Histidine (Nickel chelate) detection kit
- c-myc detection kit
- HA (Hemagglutinin) detection kit
- FLAG™ (M2) detection kit

IgG Detection Kits***

- Goat IgG detection kit
- Human IgG detection kit
- Mouse IgG detection kit
- Rabbit IgG detection kit
- IgG (Protein A) detection kit

GPCR Functional Assay Kits

- cAMP assay kit****
- IP3 assay supplement***** (Requires GST detection kit)

Phosphotyrosine Assay Kits***

- Phosphotyrosine (PY20) assay kit
- Phosphotyrosine (PT66) assay kit
- Phosphotyrosine (P-Tyr-100) assay kit

* Available in 1, 5 and 50 mg quantities. 1 mg translates into 2,000 assay points based on a 25 µL reaction volume and final bead concentration of 20 µg/mL.

** 2 mg ea. streptavidin-coated Donor beads / unconjugated Acceptor beads.

*** Available in 500, 10,000 and 50,000 assay point quantities based on a 25 µL reaction volume and final bead concentration of 20 µg/mL.

**** Available in 500, 10,000 and 50,000 assay point quantities based on a 25 µL reaction volume and final donor and acceptor bead concentration of 20 µg/mL and 15 µg/mL, respectively.

***** Available in 500 and 10,000 assay point quantities based on a 50 µL reaction volume and final bead concentration of 10 µg/mL.

Microplates and Microplate Analyzers

Fusion™-α and **AlphaQuest®-HTS** microplate analyzers and **OptiPlate™** microplates are optimized to measure AlphaScreen signal and are available from Packard BioScience Company.

For more information please contact your local Packard BioScience office or visit our website at

www.packardbioscience.com

For technical assistance please contact:

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To place an order and for all other assistance please contact:

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Product Information

AlphaScreen™

Streptavidin-coated Donor Beads

Catalog No.: **6760002S**

Quantity: **1 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.

Components

Streptavidin-coated Donor beads

1 tube containing 200 µL of beads at 5 mg/mL in 25 mM Hepes, 100 mM NaCl, pH 7.4.

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

Product QC/QA

Streptavidin-coated Donor beads are controlled to meet chemical and dextran loading requirements.

Lot to lot consistency is confirmed by mixing Streptavidin-coated Donor beads with Biotin-coated Acceptor beads to yield a defined signal under standard conditions.

Recommendation

AlphaScreen Streptavidin-coated Donor beads should be used at a concentration of 20 µg/mL for best results.

Precautions

1. AlphaScreen beads are light sensitive.

- Take care to not 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 to store reagents containing BSA for more than 1 day at 4°C.

3. Interfering compounds.

- For information on potential interfering compounds please refer to application note ASC-012.