

Certificate of Analysis

LanthaScreen® Eu-anti-GST (Rabbit) Antibody, 25 µg

ThermoFisher
SCIENTIFIC

Part Number: A15115
Lot Number: 2179612C
Immediate Storage: -20°C
Shipping Conditions: dry ice

5781 Van Allen Way
Carlsbad, CA 92008
Phone: 760.603.7200
www.thermofisher.com

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| <p>Description: Eu-anti-GST Antibody used for TR-FRET Assays.</p> <p>Concentration: 0.25 mg/mL as determined spectrophotometrically at A280. Calculated 1,700 nM based on absorbance.</p> <p>Molecular Weight: 150 kDa. The weight of the Eu label is negligible compared to the weight of the antibody.</p> <p>Chelate to Antibody Ratio: 5:1 Determined spectrophotometrically.</p> | <p>Storage and Handling: If properly stored in its original container at -20°C, this product is guaranteed for 6 months from date of purchase.</p> <p>Spinning the antibody is important to reduce noise in the assay readout. Upon thaw of stock or aliquot, mix antibody by inversion or pipetting and centrifuge stock vial or aliquot of antibody at ~10,000 rpm for 5 minutes prior to use. After centrifugation, pipet the quantity of antibody needed for the assay from the top of the liquid, thereby minimizing the potential mixing of material that has been spun to the bottom of the vial. To reduce the number of freeze/thaws aliquots may be prepared. However, to facilitate spinning and pipetting, aliquots below 50 µL are not recommended.</p> <p>Storage Buffer: 10 mM HEPES 137 mM NaCl, 2.7 mM KCl (HEPES buffered saline).</p> <p>Instrument Settings: LanthaScreen® Eu-anti-GST (Rabbit) Antibody, used in a TR-FRET assay, requires a fluorescence plate reader capable of reading TR-FRET and filters in the red range. For instrument specific set-up information go to www.thermofisher.com/instrumentsetup.</p> <p>Equivalent Usage: The LanthaScreen® Eu-anti-GST (Rabbit) Antibody and the LanthaScreen® Eu-anti-GST (Goat) Antibody are INTERCHANGEABLE in any protocol requiring a LanthaScreen® Eu-anti-GST antibody.</p> |
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QUALITY ASSURANCE

Functional Testing:

The performance of each lot of LanthaScreen® Eu-anti-GST (Rabbit) Antibody is confirmed by the LanthaScreen® Eu Kinase Binding Assay using MAPK14 inactive (PV3305) and Kinase Tracer 178 (PV5593).



Anita Targosz, Associate Director

Date: 07/Jan/2020

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LanthaScreen® is a registered trademark of Life Technologies Corporation.

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