

Certificate of Analysis

LanthaScreen® Tb-PY20 Antibody Kit, 1 Kit, 25 µg Antibody



Part Number: PV3552
Lot Number: 1866251
Immediate Storage: -20°C
Shipping Conditions: dry ice

5791 Van Allen Way
 Carlsbad, CA 92008
 Phone: 760.603.7200
 Fax: 760.602.6500
 www.lifetechnologies.com

Components:

Description	Composition	Quantity	Part Number	Lot Number
LanthaScreen® Tb-PY20 Antibody	Terbium labeled anti-PY20 antibody in a proprietary buffer (pH 7.5).	25 µg	PV3528*	1760714G
Fluorescein-PTK Substrate Positive Control	200 nM Fluorescein-ADE(pY)LIPQQ in TR-FRET Dilution Buffer (PV3574).	400 µL	PV3524	1466374B
TR-FRET Dilution Buffer	Proprietary Buffer (pH 7.5)	100 mL	PV3574	1763234D

*See individual COA

Storage and Handling: The performance of this product is guaranteed for 6 months from the date of purchase if stored and handled properly.

Description	Storage and Handling
LanthaScreen® Tb-PY20 Antibody	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. If properly stored at -20°C, this product is guaranteed for 6 months from date of purchase.
Fluorescein-PTK Substrate Positive Control	-20°C. Minimize repeated freeze/thaw cycles.
TR-FRET Dilution Buffer	20-30°C Mix prior to use.

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 Invitrogen™ is a trademark of Life Technologies Corporation.

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LanthaScreen® Tb-PY20 Antibody, 25 µg



Part Number: PV3528
Lot Number: 1760714G
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Description:

Tb-anti-phosphotyrosine Antibody used for TR-FRET Assays.

Concentration:

0.51 mg/mL as determined spectrophotometrically at A280.
Calculated **3,400 nM** based on absorbance.

Molecular Weight:

150 kDa. The weight of the Tb label is negligible compared to the weight of the antibody.

Chelate to Antibody Ratio:

8:1 Determined spectrophotometrically.

Storage and Handling:

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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.

Storage Buffer:

Terbium labeled anti-PY20 antibody in a proprietary buffer (pH 7.5).*

*Note: Effective December 2013 the storage buffer for this antibody was changed.

Instrument Settings:

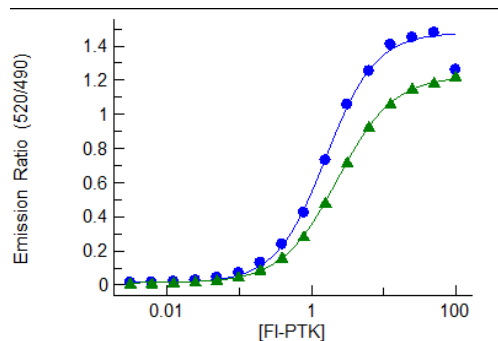
LanthaScreen® Tb-PY20 Antibody, used in a TR-FRET assay, requires a fluorescence plate reader capable of reading TR-FRET and filters in the **green** range. For instrument specific set-up information go to www.thermofisher.com/instrumentsetup.

QUALITY ASSURANCE

Functional Testing:

The performance of each lot of LanthaScreen® Tb-PY20 Antibody is confirmed by its ability to bind fluorescein-PTK (FI-ADE(pY)LIPQQ) (PV3524). A titration of fluorescein-PTK (FI-ADE(pY)LIPQQ) (PV3524) against 2nM LanthaScreen® Tb-PY20 Antibody was performed in TR-FRET dilution buffer (PV3574), final volume 20 µL.

Lot Specific Determinations:



Anita Targosz

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Date: 26/May/2016

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Invitrogen™ is a trademark of Life Technologies Corporation.

For Research Use Only. Not for use in diagnostic procedures.

For questions, please contact our Technical Support Team

N. Am Ph#: 800-955-6288 or INTL Ph#: 760-603-7200 Select option 5, ext. 40266 Email: drugdiscoverytech@lifetech.com