

Datasheet: OBT0009

**BATCH NUMBER 156783**

<b>Description:</b>	RABBIT ANTI HUMAN TdT KIT
<b>Name:</b>	TdT
<b>Other names:</b>	TERMINAL DEOXYNUCLEOTIDYL TRANSFERASE
<b>Format:</b>	Kit
<b>Product Type:</b>	Kits
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	20 TESTS

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunofluorescence	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Kit
<b>Preservative Stabilisers</b>	All components contain 0.1% Sodium Azide (NaN <sub>3</sub> ) Components 2, 2C and 3 contain 1% Bovine Serum Albumin Component M contains 80% glycerol
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P04053</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">1791</a> DNTT <a href="#">Related reagents</a>
<b>Synonyms</b>	TDT

<b>Product Information</b>	<b>Rabbit anti Human TdT kit</b> is a set of reagents intended to allow the identification of Terminal deoxynucleotidyl transferase positive (TdT <sup>+</sup> ) cells by combined fluorescence and phase contrast microscopy.
<b>Reagents In The Kit</b>	<p>Kit contains ready-to-use reagents sufficient for twenty slide tests:</p> <p><b>1</b> Normal goat serum - 1.0ml</p> <p><b>2</b> Rabbit anti- human -TdT antibody mixture - 0.5ml</p> <p><b>2C</b> Negative control antibody - 0.5ml</p> <p><b>3</b> FITC-goat anti- rabbit IgG F(ab')<sub>2</sub> - 1.0ml.</p> <p><b>M</b> Mounting medium (80% glycerol in PBS/azide) - 1.0ml</p>
<b>Additional Reagents Required</b>	<p>Cold absolute methanol</p> <p>Phosphate buffered saline (PBS)</p>
<b>Instructions For Use</b>	<p>Standard bone marrow or peripheral blood smears may be used for immunofluorescence staining. Cytocentrifuge preparations of cell suspensions made up in RPMI-1640 tissue culture medium containing 10% foetal calf serum are also suitable. Frozen sections should be cut as thin as possible. Store unfixed slide preparations in a dessicator at room temperature.</p> <ol style="list-style-type: none"> <li>1. Circle two areas of interest (1 cm diameter) with diamond pencil on the slide to be stained. One will be used as a control area and the other is for the test. Fix smears for 30 min. in absolute methanol at 4°C immediately before staining. Air dry.</li> <li>2. Block by adding a drop of normal goat serum to both circled areas. Let stand for 5 min. Rinse off goat serum with PBS.</li> <li>3. Apply 25 ul rabbit anti human TdT antibody mixture to the test area and 25 ul of negative control to control area and allow to react for 30 min in a humid chamber.</li> <li>4. Rinse avoiding cross-contamination of reagents. Now wash for 10 min. in a Coplin jar with several changes of PBS. Agitate occasionally for thorough washing.</li> <li>5. Wipe the slide, avoiding cells, and shake excess wash solution off circled area. Spread 25 ul of FITC goat anti rabbit IgG F(ab')<sub>2</sub> and incubate in humid chamber for 30 min in the dark.</li> <li>6. Rinse off and wash for 10 min. in a Coplin jar with several changes of PBS.</li> <li>7. Apply small drops of glycerol/PBS (mounting medium) to two glass cover slips and invert circled areas on slide over dropped cover slips.</li> </ol>

8. Examine by epifluorescence and phase microscopy. Evaluate the percentage of nucleated cells exhibiting nuclear fluorescence.

<b>Storage</b>	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10504 #10147 #10143 available at: <a href="https://www.bio-rad-antibodies.com/SDS/OBT0009">https://www.bio-rad-antibodies.com/SDS/OBT0009</a> 1 - Normal goat serum (10504) M - Mounting Medium (10147) 2, 2C & 3 - Antibody Preparations (10143)
<b>Regulatory</b>	For research purposes only

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M350433:190307'

Printed on 18 Jan 2024