

Datasheet: OBT0009

BATCH NUMBER 164635

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| Description: | RABBIT ANTI HUMAN TdT KIT |
| Name: | TdT |
| Other names: | TERMINAL DEOXYNUCLEOTIDYL TRANSFERASE |
| Format: | Kit |
| Product Type: | Kits |
| Isotype: | Polyclonal IgG |
| Quantity: | 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.

| | 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.

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

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| Product Information | Rabbit anti Human TdT kit is a set of reagents intended to allow the identification of Terminal deoxynucleotidyl transferase positive (TdT ⁺) cells by combined fluorescence and phase contrast microscopy. |
| Reagents In The Kit | <p>Kit contains ready-to-use reagents sufficient for twenty slide tests:</p> <p>1 Normal goat serum - 1.0ml</p> <p>2 Rabbit anti- human -TdT antibody mixture - 0.5ml</p> <p>2C Negative control antibody - 0.5ml</p> <p>3 FITC-goat anti- rabbit IgG F(ab')₂ - 1.0ml.</p> <p>M Mounting medium (80% glycerol in PBS/azide) - 1.0ml</p> |
| Additional Reagents Required | <p>Cold absolute methanol</p> <p>Phosphate buffered saline (PBS)</p> |
| Instructions For Use | <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"> 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. 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. 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. 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. 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')₂ and incubate in humid chamber for 30 min in the dark. 6. Rinse off and wash for 10 min. in a Coplin jar with several changes of PBS. 7. Apply small drops of glycerol/PBS (mounting medium) to two glass cover slips and invert circled areas on slide over dropped cover slips. |

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

Storage This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee Guaranteed until date of expiry. Please see product label.

Health And Safety Information Material Safety Datasheet documentation #10504 #10147 #10143 available at: <https://www.bio-rad-antibodies.com/SDS/OBT0009>
1 - Normal goat serum (10504)
M - Mounting Medium (10147)
2, 2C & 3 - Antibody Preparations (10143)

Regulatory For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
'M383324:210513'

Printed on 18 Jan 2024

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