



Türk solution and Trypan Blue

Marco Cosentino¹, Elisa Storelli¹, Alessandra Luini¹, Massimiliano LM Legnaro¹, Emanuela Rasini¹, Marco Ferrari¹, Franca Marino¹

¹Center for Research in Medical Pharmacology, University of Insubria (Varese, Italy)

1 Works for me This document is published without a DOI.



Elisa Storelli
Center for Research in Medical Pharmacology, University of I...

ABSTRACT

This recipe is used in the following protocols:

- Separation and purification of human PBMC from FRESH BLOOD
- Separation and purification of human PBMC from BUFFY COAT
- Magnetic bead-based CD4+ T cell isolation from PBMCs with Dynabeads: CD4 Positive Isolation Kit
- Magnetic bead-based TREG-TEFF cell isolation from PBMC with Miltenyi CD4+CD25+ Regulatory T cell Isolation Kit
- Separation of Human Neutrophils (PMN) from Buffy Coat
- Separation of Human Neutrophils (PMN) from Whole Blood

DOCUMENT CITATION

Marco Cosentino, Elisa Storelli, Alessandra Luini, Massimiliano LM Legnaro, Emanuela Rasini, Marco Ferrari, Franca Marino 2020. Türk solution and Trypan Blue. **protocols.io**
<https://protocols.io/view/t-rk-solution-and-trypan-blue-bg36jyre>

LICENSE

This is an open access document distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

CREATED

Jun 03, 2020

LAST MODIFIED

Jun 09, 2020

DOCUMENT INTEGER ID

37726

Türk solution composition (v/v):

- Gentian Violet 0.02%
- Acetic Acid 3% prepared in H₂O.

Storage: 4°C in the dark covered with aluminum foil (**photosensitive**)

Trypan Blue solution 0.4%

Prepare a **dilution at 0.2%(v/v)**: 0.4 mL of Trypan stock solution + 0.6 mL PBS or NaCl (final volume 1 mL).

Storage: 4°C in the dark (**Prepare fresh every 2 weeks**)

Gentian violet: Marco Viti

Acetic acid catalog number: A6283 Sigma Italy

Trypan blue catalog number: T8154-100mL Sigma Italy