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CELL COUNT- 03 - Automated cell count with Trypan Blue Solution by Cellometer Auto T4 Cell Counter

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Protocol status: Working
We use this protocol and it's working

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PROTOCOL integer ID:
44755

ABSTRACT

Published work using this protocol:

- Kustrimovic N., Comi C., Magistrelli L., Rasini E., Legnaro M., Bombelli R., Aleksic I., Blandini F., Minafra B., Riboldazzi G., Struchio A., Mauri M., Bono G., Marino F., Cosentino M. Parkinson's disease patients have a complex phenotypic and functional Th1 bias: cross-sectional studies of CD4+ Th1/Th2/T17 and Treg in drug-naïve and drug-treated patients (2018). *Journal of neuroinflammation*, 15(1), 205. <https://doi.org/10.1186/s12974-018-1248-8>

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MATERIALS

Instruments needed:

- Plastic labware

Materials:

Trypan blue catalog number: T8154-100mL Sigma, Italy

SAFETY WARNINGS

Cancerogenic solution, BE CAREFUL WHEN HANDLING IT!

- 1 For automatic cell count with Cellometer machine use Trypan Blue.

The machine will calculate the n° of cells/ml and the % of viability.

Take 10 μ L of cell suspension and add an equal amount of **Trypan Blue**. Use all the volume to place it in the given counting chamber. Place the chamber inside Cellometer and count.

Document

NAME

SOLUTION- 09 - Trypan Blue solution

CREATED BY

Farmacologia Medica

PREVIEW

Equipment	
Cellometer Auto T4	NAME
Automated cell counter	TYPE
Nexcelom Bioscience	BRAND
EuroClone	SKU