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SOLUTION- 06 - Lysis Buffer

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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)



Elisa Storelli

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

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Abstract

This recipe is used in the following protocols:

- **PBMC- 01a** - Isolation of Human PBMC from Buffy Coat
- **PBMC- 01b** - Isolation of Human PBMC from Whole Blood
- **PBMC- 02** - CD4+ T cell Isolation from PBMC with "Dynabeads CD4 Positive Isolation Kit"
- **PBMC- 03** - TEFF+TREG Isolation from PBMC with "Miltenyi CD4+CD25+ Regulatory T cell Isolation Kit"
- **PMN- 01a** - Isolation of Human PMN from Buffy Coat
- **PMN- 01b** - Isolation of Human PMN from Whole Blood

Lysis Buffer composition g/l (M)

NH₄Cl 8.248 (0.154)

KHCO₃ 1.0 (0.01)

EDTA 0.0368 (0.0001)

Add ultrapure water to 1 liter.

Storage:  4 °C Fridge 1 - (Room TSO8).

Filtered Lysis Buffer: filter lysis buffer using sterile syringe and filter.

Sterile filter and syringe are in closet 1 (Room PSO3).

Prymo siringe filter: catalog number EPSPE2230 Euroclone, Italy.

Storage:  4 °C Fridge 2 - (Room PSO3).

NH₄Cl: catalog number 1.01145.1000 Merck, Italy.

KHCO₃: catalog number 1.04854.500 Merck, Italy.



EDTA: catalog number ED2SS Sigma, Italy.