



Lysis Buffer

Marco Cosentino¹, Elisa Storelli², Alessandra Luini¹, Emanuela Rasini¹, Massimiliano Legnaro³,
Marco Ferrari³, Franca Marino¹

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

²Center for Research in Medical Pharmacology, University of Insubria, ³University of Insubria

1 Works for me dx.doi.org/10.17504/protocols.io.beefjbbn



Elisa Storelli

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

Separation and purification of human PBMC from BUFFY COAT
by Elisa Storelli,
Center for Research in Medical Pharmacology, University of Insubria

PREVIEW

RUN

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 TS08).

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

Sterile filter and syringe are in closet 1 (Room PS03).

Prymo siringe filter: catalog number EPSPE2230 Euroclone, Italy.

Storage: 4 °C Fridge 2 - (Room PS03).

NH₄Cl: catalog number 1.01145.1000 Merck, Italy.

KHCO₃: catalog number 1.04854.500 Merck, Italy.

EDTA: catalog number ED2SS Sigma, Italy.