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Processing plasma from Whole Blood

In 1 collection

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Sara Lucas Del Pozo[1,2], Kai-Yin Chau[1,2], Jane Macnaughtan[1,2], Giuseppe Uras[1,2], Roxana Mezabrovschi[1,2]
[1]University College London; [2]Aligning Science Across Parkinson's

Sofia Koletsi
University College London, University of London

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

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Abstract

This protocol details the processing of plasma from the whole blood sample.

Guidelines

The protocol needs prior approval by the users' Institutional Review Board (IRB), Institutional Animal Care and Use Committee (IACUC) or equivalent ethics committee(s) as applicable.

Safety warnings

The protocol needs prior approval by the users' Institutional Review Board (IRB), Institutional Animal Care and Use Committee (IACUC) or equivalent ethics committee(s) as applicable.

Before start

The protocol needs prior approval by the users' Institutional Review Board (IRB), Institutional Animal Care and Use Committee (IACUC) or equivalent ethics committee(s) as applicable.

Procedure

40m

1 Gently invert the plasma tubes at 180° and back 8-10 times immediately after collection. Allow 00:20:00 - 00:30:00 to cool down prior to sample processing. 30m

2 Centrifuge the green cap tube(s) in at 1800 x g, Room temperature, 00:10:00 **NO BRAKE**. 10m

3 After centrifugation there should be a clear separation between the red blood cells at the bottom and the plasma at the top.

4 Use the Pasteur pipette provided or a micropipette to carefully aliquot 500 µL of the plasma from the green cap tube (Lithium Heparin) into the 2-3 × 1ml cryovials (500 µL into each tube) labelled as LH-PLA.

> Note
>
> Do not to disturb the red blood cell layer. If the sediment is disturbed the centrifugation step must be repeated.

5 Place plasma samples in -80 °C .