

CERVOS PRP Process Kit 40ml — Double Spin (ULTIMATE PRP)

Materials & Preparation

CERVOS PRP Kit 40ml:

Incl. 2x CERVOS Process Disposable (CPD)



Further Materials required:

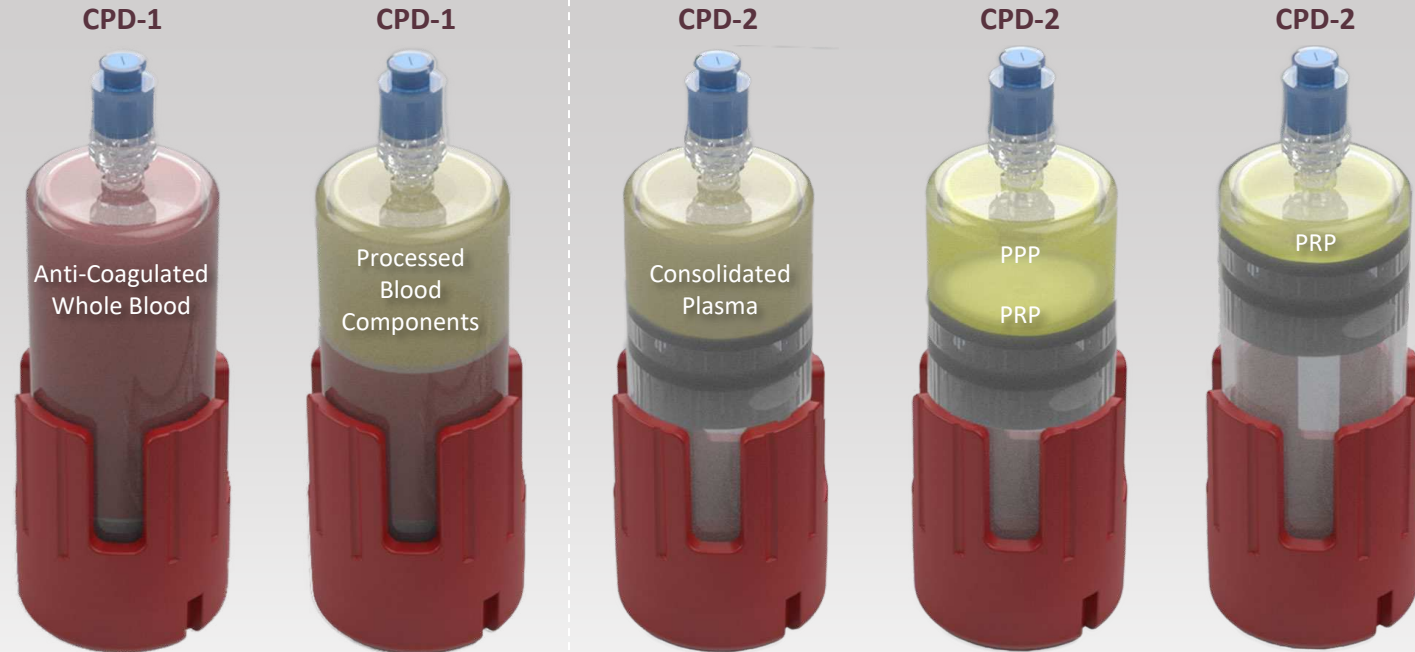
- a) 2x 30 or 50ml Syringes (Blood Collection / Transfer)
- b) 1x 10ml Syringe (PRP Resuspension / Collection)
- c) Phlebotomy Materials:
Butterfly (19G), Tourniquet, Bandage
- d) Anti-Coagulant i.e., ACD-A Vial or CitraFlow™ 5ml Syringe

CitraFlow™ Priming Instruction for 30ml Process:

- Inject 5ml CitraFlow™ to CPD-1 to prime valve
- Extract 5ml from CDP-1 with 30/50ml Blood Collection Syringe
- Inject 2ml to CPD-2, leaving 3ml in Blood Collection Syringe

Anti-Coagulant, I.V. Starter Kit and Syringes are available separately

Process Steps



STEP 1 Load

- a) Fill CPD-1*
Volume = A.C. + Blood
20ml 2ml 18ml
30ml 3ml 27ml
40ml 4ml 36ml

STEP 2 Process / Extract

- a) Process: **No Brake!**
Volume RCF Time
20ml 1900g 60sec
30ml 1900g 90sec
40ml 1900g 120sec
- b) Attach 30/50ml Syringe
- c) Extract Plasma stopping at RBC interface (i.e., flash of RBC enters Luer Valve)

STEP 3 Load / Process

- a) Transfer Plasma to CPD-2
- b) Adjust Balance Weight volume
- c) Load CPD-2 in Centrifuge with opposing Balance Weight (equal weight)
- d) Process: **No Brake!**
1900g for 6 Minutes

STEP 4 Extract PPP

- a) Attach 30/50ml Syringe
- b) Extract Plasma until desired volume remains in CPD-2:
 - Top Line: ~2ml
 - Middle Line: ~5ml
 - Bottom Line: ~10ml

STEP 5 Extract PRP

- a) Attach 10ml Syringe
- b) Resuspend remaining Plasma and Platelets to uniform suspension
- c) Extract PRP

* Swipe Luer Port with Alcohol Wipe Prior to Each Access

Warning: Do not shake or tilt filled CPDs to avoid inadequate mixing of fluids