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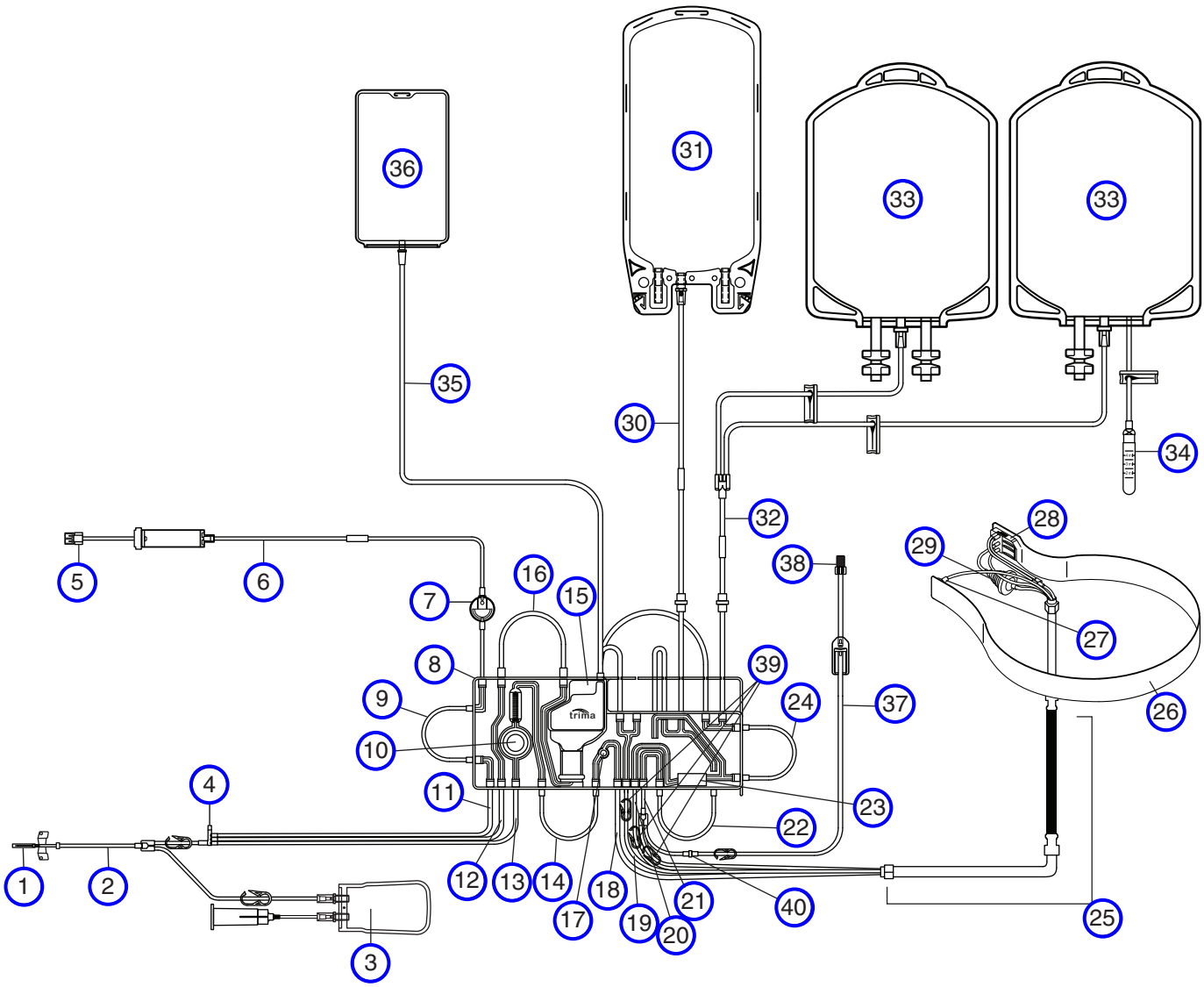
TERUMO BLOOD AND CELL TECHNOLOGIES

Trima Accel® LRS® Platelet + Auto PAS, Plasma Set

Catalog No. 82321



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Trima Accel® LRS® Platelet + Auto PAS, Plasma Set
Part Descriptions

1. **Needle** – used to perform venipuncture.
2. **Donor line** – provides access to the donor for draw and return.
3. **Sample bag** – used for the collection of blood samples from the donor and the diversion of the first aliquot of blood.
4. **Anticoagulant (AC)/draw/return manifold** – consists of the access to the injection site and the connections for the AC line (11), the return line (12), and the draw line (13).
5. **AC luer** – used to connect the AC bag to the AC line (6).
6. **AC line (with orange tubing)** – carries AC from the AC bag to the cassette (8).
7. **Sterile barrier filter** – a 0.2-micron filter that prevents bacteria from entering the system, thereby maintaining a functionally closed environment for the collection of blood components.
8. **Cassette** – guides the flow of blood and products through the tubing set.
9. **AC pump header** – the tubing segment that fits into the AC pump.
10. **Draw/return pressure diaphragm** – allows the draw/return pressure sensor to monitor pressure at the donor access site.
11. **AC line** – carries AC from the cassette (8) to the AC/draw/return manifold (4).
12. **Return line** – carries blood components back to the donor.
13. **Draw line** – carries anticoagulated whole blood into the tubing set.
14. **Inlet pump header** – the tubing segment that fits into the inlet pump.
15. **Return reservoir** – holds uncollected components for return to the donor. Contains a return filter (200 micron) to prevent the return of microaggregates to the donor.
16. **Return pump header** – the tubing segment that fits into the return pump.
17. **Centrifuge pressure sensor** – detects high pressure in the centrifuge.
18. **Inlet line to centrifuge** – carries blood to the centrifuge.
19. **RBC line from centrifuge** – carries red blood cells from the centrifuge for return to the donor.
20. **Platelet line from centrifuge** – carries platelets from the centrifuge for collection or return to the donor.
21. **Plasma line from centrifuge** – carries plasma from the centrifuge for collection or return to the donor.
22. **Plasma pump header** – the tubing segment that fits into the plasma pump.
23. **Cassette label** – used by the Trima Accel system RBC detector to identify a tubing set as capable of collecting platelet products.
24. **Platelet pump header** – the tubing segment that fits into the platelet pump.

25. **Centrifuge loop** – consists of the following:
    - Four-lumen tubing – carries fluid into and out of the channel.
    - Sleeves – used to reinforce the tubing at flex points.
    - Collars – used to secure the two ends of the loop in the centrifuge.
    - Bearings – the contact points between the centrifuge arm and the loop.
26. **Channel** – contains blood components as they are separated.
27. **Inlet Port** – routes incoming blood into the channel.
28. **Collection chamber** – routes separated blood components to the appropriate collect lines.
29. **LRS chamber** – leukoreduces collected platelets.
30. **Plasma collect line** – carries the collected plasma to the plasma bag (31).
31. **Plasma bag** – 1 L bag that holds collected plasma product.
32. **Platelet collect line** – carries the collected platelets to the platelet bags (33).
33. **Platelet bag** – the bag where collected platelets are stored. The bag is made from PVC with a citrate plasticizer.
34. **Platelet product sampler** – used for product quality testing.
35. **Vent bag line** – carries displaced air to and from the vent bag (36).
36. **Vent bag** – holds displaced air from the system.
37. **Auto PAS line (with luer connector)** – carries PAS (platelet additive solution) to the platelet product post-collection and after the donor is disconnected.
38. **Auto PAS luer** – used to connect PAS to the Auto PAS line (37).
39. **Channel line clamps** – isolate the channel during PAS delivery to the platelet product.
40. **Auto PAS one-way valve** – prevents blood components from entering the Auto PAS line during the collection procedure.