Get Started

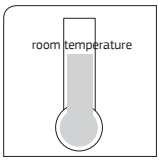
For your first cell separation with pluriBead®, we offer you an **individual Skype or WebEx video conference and our online chat tool**.

Please contact us at **www.pluriselect.com**

Sample Preparation

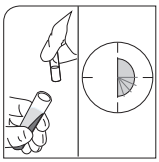
whole blood	Add provided stabilization buffer to your unprocessed whole blood sample. When separating CD14+ cells from the sample, first remove sCD14 by washing.
buffy coat	Add provided stabilization buffer to your unprocessed buffy coat sample. Pre-filter sample with provided pre-separation strainer.
tissue / pbmc	Prepare a singe cell suspension. Adjust targets with provided incubation buffer and add provided wash buffer.

pluriBead® Short Protocol



Preparation

Bring all reagents to room temperature & carry out isolation at room temperature.

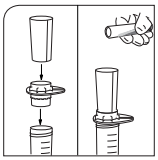


Mixing

Use adequate mixing tubes and devices.

Resuspend pluriBeads well and add them to your sample.

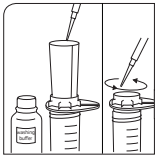
Gently incubate the sample at room temperature for 15-30 min (rolling, rocking).



Separation

Attach provided pluriStrainer and funnel to a fresh 50ml tube.

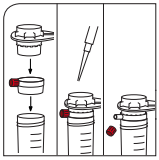
Pour sample into the funnel. Bound targets remain on the strainer.



Washing

Wash off the remaining bead-sample traces from the funnel and discard it.

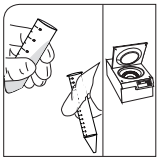
Wash the strainer sufficiently in 2ml steps. Wash in a circular motion along its edge.



Detaching

Attach a connector to a fresh 50ml tube. Close the Luer-Lock. Attach the strainer with the isolated targets.

Incubate for 10min with detaching buffer. Detach cells by pipetting sample up/down. Open the Luer-Lock.



Spinning Down

The detached targets now run into the 50ml tube.

Wash and discard strainer and connector. Transfer singe cell suspension into a fresh 15ml tube. Centrifuge 10 min at 300 x g.

For a detailed protocol see pluriBead® manual.