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EPCAM Sorting Protocol

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SUBMIT TO PLOS ONE

ABSTRACT

Epcam sorting Protocol

FACS Buffer:

- 1L dPBS (Cell Center, cat# 14190136, without Ca++ & Mg++)
- 2mL EDTA (Invitrogen, cat# 15575020, UltraPure, 0.5M, pH 8.0, 100mL)
- 10mL of FBS (Invitrogen, cat# 10437-028, 500mL)

0.04% BSA+PBS:

- 10mg BSA (Jackson, cat# 001-000-162, IgG free, protease free)
- 25mL PBS (Cell Center, cat# 14190136, without Ca++ & Mg++)

MACS Accessories: (Miltenyi Biotec):

- QuadroMACS Separator (cat# 130-090-976)
- MACS multistand (cat# 130-042-303)
- MACS LS Columns (25pk) (cat# 130-042-401)
- MACS EpCAM microbeads, human (cat#130-061-101)

Other:

- Cellometer K2 (Nexcelome)
- Countess™ Cell Counting Chamber Slides (Thermo Fisher cat#C10228)
- ViaStain™ AOPI Staining Solution (Nexcelom/ Fisher cat #CS2-0106)
- Evos (Lifetech)
- Trypan Blue (Fisher cat #ICN1691049)

ATTACHMENTS

[EPCAM Sorting Protocol
March.pdf](#)

PROTOCOL CITATION

Morrissey Lab 2021. EPCAM Sorting Protocol. **protocols.io**
<https://protocols.io/view/epcam-sorting-protocol-btncnmcw>



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