

Product Data Sheet

HematoGrab Cell Enrichment Particles

Cat. #: CE-HG

Cell Enrichment Overview:

The ability to enrich a heterogeneous sample for a specific cell type(s) can greatly improve the sensitivity of downstream assays. Cell enrichment methodologies can be employed to use either “positive selection” to select for a specific cell type, or “negative selection” to eliminate a specific cell type from a heterogeneous cell population. Cell enrichment products utilize paramagnetic particles coated with antibodies directed against specific cell types. Targeted cells are enriched utilizing magnetic separation.

Product Specifications:

Antibodies on the surface of HematoGrab paramagnetic particles are directed against antigens present on the surface of human hematopoietic cells including pre-B cells, pre-T cells, follicular center (germinal center) cells, granulocytes, and some T cells. This product has utility in positive selection of the indicated cell types or the depletion of non-target cells from blood specimens. Utilization of this product may improve the sensitivity of downstream assays designed for the detection of various hematological malignancies.

Volume:	10 ml
Reactions:	100 (100ul / reaction)
Concentration:	.333 mg/ml

Procedure:

Researchers are advised to optimize the use of HematoGrab particles in any application. Researchers should assess the suitability of HematoGrab particles to specifically capture cells of interest in their particular application. HematoGrab particles are intended to be isolated from liquid samples by magnetic separation.

Storage:

Store at 2-8°C. Freezing, drying, or centrifuging HematoGrab particles may result in irreversible aggregation and loss of binding activity.