

Flow Cytometry Assays

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| Cell proliferation assays (may include cell culture) |
| Cytokine analysis by cytometric bead array (CBA). Examples include IL-2, IL-6, IL12p70, INF and TNF. Numerous additional targets are available per sample. |
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| Immunophenotyping for tumor vaccine trials |
| Leukocyte activation assays, e.g. CD11b expression by activated monocytes |
| Lymphocyte signal transduction assays to evaluate activation/ inhibition by targeted therapies |
| Lymphocyte subsets, including CD3, CD4, CD8, CD19, CD56/ +CD16+ (percentages and absolute counts) to asses immunocompetency |
| Pharmacokinetic competitive drug binding assays |
| Platelet assays, e.g. leukocyte platelet aggregates as a marker of inflammation. |
| T cell subsets, including CD3, CD4, CD8, CD25, CD28, CD45, CD45RA and CD127. Allows identifications of low incidence events, such as T regulatory cells |