

THESE PRICES ARE FOR MSKCC INTERNAL COLLABORATIONS. FOR EXTERNAL COLLABORATIONS, PLEASE INQUIRE.

IDMS Prices (\$/sample)			
Flow Cytometry (\$/sample)	Number of Colors	Surface	Intracellular
	Up to 10	\$140	\$190
	11-20	\$175	\$225
	21-30	\$200	\$250
	31-40	\$235	\$285
	40+	Enquire for development	
Olink	\$175		
Isoplexis	\$1,000		
ATG assay	\$50		
Cell Sorting	Custom		

## T cell exhaustion/activation panel

	<u>Specificity</u>	<u>Alternate name</u>	<u>purpose</u>
1	<b>CD103</b>	integrin subunit alpha E	differentiation
2	<b>CD127</b>	Interleukin-7 receptor subunit alpha (IL7R- $\alpha$ )	differentiation
3	<b>CD134</b>	OX-40	co-stimulatory
4	<b>CD137</b>	4-1BB	co-stimulatory
5	<b>CD152</b>	Cytotoxic T-lymphocyte-associated protein 4 (CTLA-4)	co-inhibitory
6	<b>CD183</b>	C-X-C motif chemokine receptor 3 (CXCR3)	trafficking
7	<b>CD186</b>	C-X-C motif chemokine receptor 6 (CXCR6)	trafficking
8	<b>CD194</b>	Chemokine receptor 4 CCR4	trafficking
9	<b>CD197</b>	Chemokine receptor 7CCR7	differentiation
10	<b>CD223</b>	Lymphocyte-activation gene 3 (LAG-3)	activation
11	<b>CD244</b>	2B4	co-inhibitory
12	<b>CD25</b>	Interleukin 2 Receptor Subunit Alpha	differentiation
13	<b>CD27</b>	n/a	differentiation
14	<b>CD272</b>	B- and T-lymphocyte attenuator (BTLA)	co-inhibitory
15	<b>CD278</b>	Inducible T-cell Costimulator (ICOS)	co-stimulatory
16	<b>CD279</b>	Programmed Death 1 (PD-1)	co-inhibitory
17	<b>CD28</b>	n/a	differentiation
18	<b>CD3</b>	n/a	lineage
19	<b>CD357</b>	Glucocorticoid-induced TNFR-related gene (GITR)	co-stimulatory
20	<b>CD366</b>	T cell immunoglobulin and mucin domain containing protein-3 (TIM-3)	co-inhibitory
21	<b>CD4</b>	n/a	lineage
22	<b>CD45</b>	Protein tyrosine phosphatase receptor type, C	lineage
23	<b>CD45RA</b>	n/a	differentiation
24	<b>CD45RO</b>	n/a	differentiation
25	<b>CD57</b>	3-beta-glucuronosyltransferase 1 (B3GAT1)	differentiation
26	<b>CD69</b>	C-Type Lectin Domain Family 2, Member C	activation
27	<b>CD8</b>	n/a	lineage
28	<b>CD95</b>	Fas cell surface death receptor	differentiation
29	<b>HLA-DR</b>	MHC class II molecule	activation
30	<b>TCR alpha/beta</b>	n/a	T cells
31	<b>TCR gamma/delta</b>	n/a	T cells
32	<b>TIGIT</b>	WUCAM	co-inhibitory
33	<b>LIVE/DEAD</b>	n/a	viability

## Myeloid cell panel

	<u>Specificity</u>	<u>Alternate name</u>	<u>purpose</u>
1	<b>CD40</b>	n/a	DC phenotyping
2	<b>CD16</b>	FCgRIII	DC/monocyte phenotyping
3	<b>CD56</b>	Neural cell adhesion molecule (NCAM)	NK cells
4	<b>CD3</b>	n/a	T cells
5	<b>CD86</b>	n/a	DC phenotyping
6	<b>CD45</b>	Protein tyrosine phosphatase receptor type, C	hematopoietic cells
7	<b>CX3CR1</b>	CX3C chemokine receptor 1 (CX3CR1)	DC phenotyping
8	<b>CD85k</b>	Leukocyte Ig-like receptor subfamily B member 4 (ILT3)	DC phenotyping
9	<b>CD45RA</b>	n/a	DC and T cell phenotyping
10	<b>CD141</b>	Blood dendritic cells antigen (BDCA) 3	DC subset
11	<b>CD172a</b>	Signal regulatory protein $\alpha$ (SIRP $\alpha$ )	DC phenotyping
12	<b>CD14</b>	n/a	monocytes
13	<b>CD11b</b>	Integrin alpha M	DC phenotyping
14	<b>CD123</b>	Interleukin-3 receptor	plasmacytoid DCs
15	<b>CD26</b>	Dipeptidyl peptidase-4	DC subset
16	<b>CD272</b>	B- and T-lymphocyte attenuator (BTLA)	CD8 T cells
17	<b>CD8</b>	n/a	CD8 T cells
18	<b>CD32</b>	Fc $\gamma$ RIIa/b	DC phenotyping
19	<b>CD38</b>	Cyclic ADP ribose hydrolase	DC phenotyping
20	<b>CD197</b>	Chemokine receptor 7 (CCR7)	DC and T cell phenotyping
21	<b>CD163</b>	Scavenger receptor for hemoglobin	DC phenotyping
22	<b>CD80</b>	n/a	DC phenotyping
23	<b>CD19</b>	n/a	B cells
24	<b>CD4</b>	n/a	CD4 T cells
25	<b>CD1c</b>	Blood dendritic cells antigen (BDCA) 1	DC subset
26	<b>CD11c</b>	ITGAX, Integrin alpha X	DC lineage marker
27	<b>HLA-DR</b>	MHC class II molecule	DC lineage marker
28	<b>LIVE/DEAD</b>	n/a	viability

## B cell panel

	<u>Specificity</u>	<u>Alternate name</u>	<u>purpose</u>
1	<b>CD45</b>	Protein tyrosine phosphatase receptor type, C	lineage
2	<b>CD19</b>	n/a	lineage
3	<b>CD21</b>	Complement receptor 2	differentiation
4	<b>CD27</b>	n/a	differentiation
5	<b>CD38</b>	Cyclic ADP ribose hydrolase	differentiation
6	<b>CD24</b>	n/a	differentiation
7	<b>IgM</b>	n/a	differentiation
8	<b>IgD</b>	n/a	differentiation
9	<b>IgG</b>	n/a	differentiation
10	<b>LIVE/DEAD</b>	n/a	viability

## Leukocyte panel

	<u>Specificity</u>	<u>Alternate name</u>	<u>purpose</u>
1	CD45RA	n/a	differentiation
2	CD16	FCgRIII	lineage
3	CD14	n/a	lineage
4	CD11c	ITGAX, Integrin alpha X	differentiation
5	CD56	Neural cell adhesion molecule (NCAM)	lineage
6	CD45RO	n/a	differentiation
7	CD279	Programmed Death 1 (PD-1)	co-inhibitory
8	CD123	Interleukin-3 receptor	differentiation
9	CD161	Killer cell lectin-like receptor subfamily B, member 1 (KLRB1)	differentiation
10	IgD	n/a	lineage
11	CD3	n/a	lineage
12	CD20	n/a	lineage
13	HLA-DR	MHC class II molecule	differentiation
14	CD28	n/a	differentiation
15	CD183	C-X-C motif chemokine receptor 3 (CXCR3)	trafficking
16	CD196	Chemokine receptor 6 (CCR6)	differentiation
17	CD185	C-X-C motif chemokine receptor 5 (CXCR5)	trafficking
18	CD197	Chemokine receptor 7 (CCR7)	differentiation
19	CD8	n/a	lineage
20	CD86	n/a	activation
21	CD57	3-beta-glucuronosyltransferase 1 (B3GAT1)	differentiation
22	CD19	n/a	lineage
23	CD45	Protein tyrosine phosphatase receptor type, C	lineage
24	CD11b	Integrin alpha M	trafficking
25	TCR $\gamma\delta$	n/a	differentiation
26	CD335	Natural cytotoxicity triggering receptor 1 (NCR1)	differentiation
27	CD4	n/a	lineage
28	CD24	n/a	differentiation
29	CD95	Apoptosis antigen 1 (APO-1)	differentiation
30	CD25	Interleukin-2 receptor alpha chain	differentiation
31	CD27	n/a	differentiation
32	CD33	sialic acid binding Ig-like lectin 3 (SIGLEC3)	differentiation
33	CD127	Interleukin-7 receptor subunit alpha (IL7R- $\alpha$ )	differentiation
34	CD38	Cyclic ADP ribose hydrolase	activation
35	LIVE/DEAD	n/a	viability