

**Immunotherapy Assessment Core
FY21 Activity Billing Sheet**

Service Line Name	Unit of Measure	Northwestern Base Rate	Cancer Center/ SBDRC Member Rate	External Academic Rate	External Commercial Rate
Service 1: PBMC Isolation	up to 40mL blood	67.03	58.52	83.79	107.25
Service 2: Tissue Processing	per biopsy	30.34	27.32	37.92	48.54
Service 3: Magnetic Cell Sorting	per 100M starting cells	84.43	74.40	105.54	135.09
Service 4: Cellular Proliferation Assay	per plate	135.79	122.39	169.74	217.27
Service 5: Consultation	per 15min	23.40	20.53	29.26	37.45
Service 6: Sample Storage	per vial per month	0.50	0.43	0.62	0.80
Service 7: Routine Sectioning	per slide	3.09	2.52	3.86	4.94
Service 8: Antibody Optimization 1	per slide	26.77	24.95	33.46	42.83
Service 9: Antibody Optimization 2	per slide	55.75	50.35	69.68	89.20
Service 10: 4-color Opal TSA Multiplex Staining	per slide	39.00	35.08	48.75	62.40
Service 11: 7-color Opal TSA Multiplex Staining	per slide	44.24	40.37	55.30	70.78
Service 38: Monoplex Optimization	per slide	33.92	30.00	42.40	54.27
Service 39: 4-color Opal TSA Spectral Library	per slide	39.60	35.64	49.50	63.36
Service 40: 7-color Opal TSA Spectral Library	per slide	41.62	40.00	52.02	66.59
Service 41: Vectra 3 Data Analysis - SA	per 1 hr	84.54	80.00	105.67	135.26
Service 42: Multiplex Project Setup Fee	per project	218.97	200.00	273.71	350.35
Service 13: Vectra3 Imaging - SA	per slide	34.11	32.10	42.64	54.57
Service 14: Vectra3 Imaging - SS	per 30 min	30.65	28.93	38.31	49.03
Service 15: Vectra3 Imaging Training	per 2 hr	281.18	260.79	351.48	449.90
Service 16: 10x Genomics Single Cell RNAseq 3' Library Prep	per sample	2,386.98	2,386.98	2,983.72	3,819.16
Service 17: 10x Genomics Single Cell TCR RNAseq 5' Library Prep	per sample	2,113.75	2,113.75	2,800.19	3,854.25
Service 18: 10x Genomics TCR and Transcriptome Single Cell RNAseq Library Prep	per sample	4,036.82	3,705.81	5,046.03	6,458.92
Service 34: 10x Genomics SS	per run	48.48	46.28	61.05	78.14
Service 35: 10x Genomics Training	per session	145.56	134.43	181.95	232.90
Service 37: Bioanalyzer DNA/RNA Assay	per chip	43.88	43.88	54.85	70.21
Service 19: Controlled Rate Freezing - SA	per run	125.21	114.37	156.52	200.34
Service 20: Controlled Rate Freezing - SS	per run	26.86	18.39	33.58	42.98
Service 21: Controlled Rate Freezing Training	per 30 min	51.66	41.24	64.57	82.65
Service 22: MSD Plate Reader - SA	per plate	25.81	23.19	32.26	41.29
Service 23: MSD Plate Reader - SS	per plate	15.80	14.05	19.75	25.28
Service 24: MSD Plate Reader Training	per 30 min	70.24	65.17	87.81	112.39
Service 25: IsoLight - SS	per run	104.15	98.96	130.18	166.63
Service 26: IsoLight - SA	per run	155.91	150.73	194.89	249.46
Service 27: IsoLight Training	per session	145.49	129.70	181.86	232.78
Service 28: Data Analysis Station - SS	per 30 min	20.54	20.54	25.67	32.86
Service 29: Data Analysis Station Training	per 30 min	27.16	24.11	33.95	43.46
Service 36: Data Analysis - SA	per 30 min	32.77	29.08	40.96	52.43
Service 12: Multicolor FACS Immunostaining	per 10 samples	202.71	182.44	253.38	324.33
Service 30: Cytex Aurora Acquisition - SA	per 1 hr	48.47	48.47	60.59	77.55
Service 33: Technician Time	per 15 min	22.84	20.21	28.55	36.54