

## Price List

Primary Cell Line Isolation/Reprogramming		
Service	Description	Price
Fibroblast Isolation	Includes isolation, expansion, and freezing of fibroblasts from skin biopsy (mycoplasma tested)	\$740.03
Fibroblast Reprogramming	- RNA-based reprogramming - Deliver 2-4 clonally expanded iPSC lines (2-4 frozen vials per iPSC line, identity and mycoplasma tested)	\$3,359.49
REC Isolation	Includes isolation, expansion, and freezing of RECs from urine sample (mycoplasma tested)	\$885.86
REC Reprogramming	- RNA-based reprogramming - Deliver 2-4 clonally expanded iPSC lines (2-4 frozen vials per iPSC line, identity and mycoplasma tested)	\$3,574.15
PBMC Isolation	Includes isolation and freezing of PBMCs (1-2 vials)	\$372.06
PBMC Reprogramming	- Episomal reprogramming - Deliver 2-4 clonally expanded iPSC lines (2-4 frozen vials per iPSC line, identity and mycoplasma tested, loss of episomes confirmed by PCR)	\$3,377.89

iPSC Culture and Characterization Services		
Service	Description	Price
Thaw iPSCs	Thaw vial into two wells of a 6-well plate	\$181.22
Expand and Freeze iPSCs	Freeze 8-12 vials	\$364.65
Mycoplasma Testing	All samples are tested for mycoplasma contamination	\$95.18
Mycoplasma elimination	Samples positive for mycoplasma will be treated accordingly upon request	\$608.65
Identity testing (STR analysis)	Includes mycoplasma testing	\$139.99
Pluripotency Staining	Immunofluorescence for TRA-1-60, NANOG, OCT 3/4 qPCR for OCT4, NANOG, DNMT3B	\$397.56 \$311.04
G-Band Karyotyping	Chromosome analysis, optimized for human iPSCs	\$736.23
ddPCR (core operated)	Price per 24 samples	\$344.58

Gene editing		
- Investigator can provide iPSCs or use a SCBDMC control iPSC line (+\$465.58) - Includes design of gene modification strategy and purchase of all reagents - iPSCs are modified with Cas9 mRNA and synthesized gRNA		
Service	Description	Price
Gene knock-out by INDEL	- Modified iPSCs are clonally expanded and the INDEL mutation is confirmed by Sanger sequencing. - Deliver 4-6 frozen vials (identity and mycoplasma tested) - A genetically modified cell pool can be provided for \$3,606.36 (knockout efficiency quantified by T7E1 cleavage assay or TIDE analysis)	\$10,775.96
SNP correction or introduction	- Modified iPSCs are clonally expanded and the desired mutation is confirmed by Sanger sequencing. - Deliver 4-6 frozen vials (identity and mycoplasma tested) - A genetically modified cell pool can be provided for \$4,266.02 (correction efficiency quantified by droplet digital PCR)	\$14,073.09
Targeted fluorescence knock-in	- Up to 24 genetically modified iPSC lines are clonally expanded. - Deliver 2 frozen vials (identity tested) - A genetically modified cell pool can be provided for \$9,237.59 - IMPORTANT - We cannot functionally validate successful targeting for genes that require differentiation. Reporter validation and clonality must be confirmed by the investigator.	\$17,816.79
Constitutive fluorescence knock-in	- mTagBFP2, mWasabi, tdTomato, iRFP670 - Most FPs can be localized to the nucleus (NLS) or membrane (CAAX) - Clonally expanded iPSC line (3-4 frozen vials, identity and mycoplasma tested) - A genetically modified cell pool can be provided for \$1,574.46	\$4,110.51

Modified mRNA		
Service	Description	Price
RNA Reprogramming Kit	Sufficient mRNA/miR cocktail and transfection buffer to reprogram a full 6-well plate	\$739.96
Modified mRNA	In stock modified mRNAs (per µg); bulk discounts up to 30%	\$12.66
Transfection Buffer	per 1.5mL aliquot, provided at -80C	\$6.71
Custom modified mRNA	Cloning cDNA template and mRNA synthesis	(contact for details)

Biorepository		
Service	Description	Price
Vial of wild-type iPSCs	Derived from fibroblasts, reprogrammed with RNA	\$498.88
Vial of modified iPSCs	- Constitutively fluorescent iPSCs (mWasabi; strong CAGG promoter, targeted to AAVS safe) - Core generated genetically modified iPSCs	\$848.46
Vial Storage	Price per vial per month	\$0.06

Other Services		
Service	Description	Price
iPSC Training	Hands-on training includes thawing, culture, passaging, and freezing of human iPSCs	\$1,466.55
Consulting	Example expertise includes but is not limited to: CRISPR design, custom assay design (eg ddPCR), viral vector design, custom mRNA production, training, etc	\$109.28