

Skin Tissue Engineering and Morphology Core (STEM)

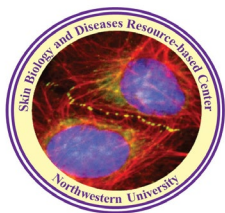
Director: Kathleen Green, PhD
Managing Director: Nihal Kaplan, PhD

Contact Us:

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STEM Core B FY26 Rates

Codes	Services	Unit	NU Base Rate	SBDRC Member	External Academic Rate	External Commercial Rate
CELLS AND TISSUE						
CT.1	Neonatal Foreskin Tissue Specimen	<i>per specimen</i>	\$ 75.60	\$ 63.00	\$ 120.96	\$ 151.20
CT.1-IC	Neonatal Foreskin Tissue Specimen with Informed Consent	<i>per specimen</i>	\$ 180.00	\$ 150.00	\$ 288.00	\$ 360.00
CT.2	Adult Tissue Specimen	<i>per specimen</i>	\$ 160.80	\$ 134.00	\$ 302.40	\$ 378.00
CT.2-IC	Adult Tissue Specimen with Informed Consent	<i>per specimen</i>	\$ 276.00	\$ 230.00	\$ 441.60	\$ 552.00
CT.3	Primary Human Epidermal Keratinocytes (frozen vial)	<i>per vial</i>	\$ 288.00	\$ 240.00	\$ 460.80	\$ 576.00
CT.3-IC	Primary Human Epidermal Keratinocytes (frozen vial) with Informed Consent	<i>per vial</i>	\$ 360.00	\$ 300.00	\$ 576.00	\$ 720.00
CT.4	Primary Human Epidermal Keratinocytes Isolated with 3T3 feeder layer (frozen vial)	<i>per vial</i>	\$ 352.80	\$ 294.00	\$ 564.48	\$ 705.60
CT.4-IC	Primary Human Epidermal Keratinocytes Isolated with 3T3 feeder layer (frozen vial) with Informed Consent	<i>per vial</i>	\$ 396.00	\$ 330.00	\$ 633.60	\$ 792.00
CT.5	Primary Human Epidermal Keratinocytes from Patient Biopsy (frozen vial)	<i>per vial</i>	\$ 528.00	\$ 440.00	\$ 844.80	\$ 1,056.00
CT.6	Custom Isolation of Primary Human Epidermal Keratinocytes (serum-free; tissue charged separately). <i>One vial. Additional vials charged separately.</i>	<i>per specimen</i>	\$ 420.00	\$ 350.00	\$ 672.00	\$ 840.00
CT.6-1	Each Additional Vial: Custom Isolation of Primary Human Epidermal Keratinocytes (serum-free)	<i>per vial</i>	\$ 96.00	\$ 80.00	\$ 153.60	\$ 192.00
CT.7	Custom Isolation of Primary Human Epidermal Keratinocytes (feeders; tissue charged separately). <i>One vial. Additional vials charged separately.</i>	<i>per specimen</i>	\$ 672.00	\$ 560.00	\$ 1,075.20	\$ 1,344.00
CT.7-1	Each Additional Vial: Custom Isolation of Primary Human Epidermal Keratinocytes (feeders)	<i>per vial</i>	\$ 144.00	\$ 120.00	\$ 230.40	\$ 288.00
CT.8	Primary Human Epidermal Keratinocytes from Adult in Serum-Free Media (frozen vial)	<i>per vial</i>	\$ 403.20	\$ 336.00	\$ 645.12	\$ 806.40
CT.9	Primary Human Dermal Fibroblasts (frozen vial)	<i>per vial</i>	\$ 252.00	\$ 210.00	\$ 403.20	\$ 504.00
CT.9-IC	Primary Human Dermal Fibroblasts (frozen vial) with Informed Consent	<i>per vial</i>	\$ 330.00	\$ 275.00	\$ 528.00	\$ 660.00
CT.10	Custom Isolation of Primary Human Dermal Fibroblasts (explant method, tissue charged separately). <i>One vial. Additional vials charged separately.</i>	<i>per specimen</i>	\$ 366.00	\$ 305.00	\$ 585.60	\$ 732.00
CT.10-1	Each Additional Vial: Custom Isolation of Primary Human Dermal Fibroblasts	<i>per vial</i>	\$ 102.00	\$ 85.00	\$ 163.20	\$ 204.00
CT.11	Primary Human Epidermal Melanocytes (frozen vial)	<i>per vial</i>	\$ 342.00	\$ 285.00	\$ 547.20	\$ 684.00
CT.11-IC	Primary Human Epidermal Melanocytes (frozen vial) with Informed Consent	<i>per vial</i>	\$ 360.00	\$ 300.00	\$ 576.00	\$ 720.00
CT.12	Custom Isolation of Primary Human Epidermal Melanocytes (tissue charged separately). <i>One vial. Additional vials charged separately.</i>	<i>per specimen</i>	\$ 480.00	\$ 400.00	\$ 768.00	\$ 960.00
CT.12-1	Each Additional Vial: Custom Isolation of Primary Human Epidermal Melanocytes	<i>per vial</i>	\$ 97.20	\$ 81.00	\$ 155.52	\$ 194.40



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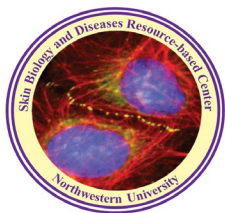
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CELLS AND TISSUE						
CT.13	HPV-16 E7 Immortalization of Human Epidermal Keratinocytes (neonatal). <i>Tissue or cells charged separately.</i>	<i>per cell line</i>	\$ 600.00	\$ 500.00	\$ 960.00	\$ 1,200.00
CT.14	HPV-16 E7 Immortalization of Human Epidermal Keratinocytes (adult). <i>Tissue or cells charged separately.</i>	<i>per cell line</i>	\$ 674.40	\$ 562.00	\$ 1,079.04	\$ 1,348.80
CT.15	Custom Isolation of Primary Murine Epidermal Keratinocytes (per newborn pup)	<i>per pup</i>	\$ 540.00	\$ 450.00	\$ 864.00	\$ 1,080.00
CT.16	Custom Isolation and Immortalization of Primary Murine Epidermal Keratinocytes (per newborn pup)	<i>per pup</i>	\$ 780.00	\$ 650.00	\$ 1,248.00	\$ 1,560.00
MEDIA						
M.1	Human Epidermal Keratinocyte Serum-Free Medium-154 (500 mL)	<i>500 mL</i>	\$ 222.00	\$ 185.00	\$ 355.20	\$ 444.00
M.2	FAD Culture Medium (500 mL)	<i>500 mL</i>	\$ 240.00	\$ 200.00	\$ 384.00	\$ 480.00
M.3	Fibroblast Cell Culture Medium with Newborn Calf Serum (500mL)	<i>500 mL</i>	\$ 105.60	\$ 88.00	\$ 168.96	\$ 211.20
M.4	Fibroblast Cell Culture Medium with Fetal Bovine Serum (500mL)	<i>500 mL</i>	\$ 180.00	\$ 150.00	\$ 288.00	\$ 360.00
M.5	E-Medium for 3D Cultures (500 mL)	<i>500 mL</i>	\$ 210.00	\$ 175.00	\$ 336.00	\$ 420.00
3D ORGANOTYPIC CULTURES						
OC.1	3D Skin Organoid Cultures (up to 12 cultures; keratinocytes charged separately)	<i>12 cultures</i>	\$ 504.00	\$ 420.00	\$ 806.40	\$ 1,008.00
OC.2	3D Skin Organoid Cultures (per culture; keratinocytes charged separately)	<i>per culture</i>	\$ 84.00	\$ 70.00	\$ 134.40	\$ 168.00
OC.3	3D Skin Organoid Cultures -- Deep Tranwell System (up to 6 cultures; keratinocytes charged separately)	<i>6 cultures</i>	\$ 630.00	\$ 525.00	\$ 1,008.00	\$ 1,260.00
OC.4	3D Epidermis Organoid Cultures--12 well (up to 12 cultures; keratinocytes charged separately)	<i>12 cultures</i>	\$ 300.00	\$ 250.00	\$ 480.00	\$ 600.00
OC.5	3D Epidermis Organoid Cultures--6 well (up to 6 cultures; keratinocytes charged separately)	<i>6 cultures</i>	\$ 270.00	\$ 225.00	\$ 432.00	\$ 540.00
SAMPLE PROCESSING AND STAINING						
PS.1	Routine Paraffin Processing + 1 H&E Staining	<i>per specimen</i>	\$ 18.00	\$ 15.00	\$ 28.80	\$ 43.20
PS.2	H&E Staining (per slide) -- no processing/sectioning charged separately	<i>per slide</i>	\$ 5.04	\$ 4.20	\$ 8.06	\$ 10.08
PS.3	Routine Paraffin Processing-No Sectioning/Staining	<i>per specimen</i>	\$ 12.60	\$ 10.50	\$ 20.16	\$ 25.20
PS.4	Routine Paraffin Sectioning (per slide)	<i>per slide</i>	\$ 8.82	\$ 7.35	\$ 14.11	\$ 17.64
PS.5	Special Paraffin Sectioning (per sample)	<i>per sample</i>	\$ 17.64	\$ -	\$ -	\$ -
PS.6	Frozen Tissue Processing	<i>per specimen</i>	\$ 24.00	\$ 20.00	\$ 38.40	\$ 48.00
PS.7	Frozen Tissue H&E	<i>per slide</i>	\$ 11.34	\$ 9.45	\$ 18.14	\$ 22.68
PS.8	Frozen Sectioning (per slide)	<i>per slide</i>	\$ 11.34	\$ 9.45	\$ 18.14	\$ 22.68
PS.9	Standard Immunohistochemical Stain (first slide)	<i>one slide</i>	\$ 81.60	\$ 68.00	\$ 130.56	\$ 163.20
PS.10	Standard Immunohistochemical Stain (additional slides)	<i>each add'l slide</i>	\$ 20.16	\$ 16.80	\$ 32.26	\$ 40.32
PS.11	25 Microscope Slide Box	<i>per item</i>	\$6.00	\$6.00	\$6.00	\$6.00
PS.12	100 Microscope Slide Box	<i>per item</i>	\$15.00	\$15.00	\$15.00	\$15.00
PS.13	Slide Folder	<i>per item</i>	\$12.00	\$12.00	\$12.00	\$12.00



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SPECIMEN USAGE						
SU.1	Archival Tissue Specimen Usage Fee (control)	<i>per specimen</i>	\$ 37.80	\$ 31.50	\$ 60.48	\$ 75.60
SU.1-IC	Archival Tissue Specimen Usage Fee (control) with Informed Consent	<i>per specimen</i>	\$ 54.00	\$ 45.00	\$ 86.40	\$ 108.00
SU.2	Archival Tissue Specimen Usage Fee (3D culture)	<i>per specimen</i>	\$ 56.70	\$ 47.25	\$ 90.72	\$ 113.40
SU.3	Archival Tissue Specimen Usage Fee (patient)	<i>per specimen</i>	\$ 145.20	\$ 121.00	\$ 232.32	\$ 290.40
TRAINING AND SPECIAL SERVICES						
TS.1	Isolation of Human Keratinocytes Training	<i>per participant</i>	\$ -	\$ -	\$ -	\$ 420.00
TS.1-1	Materials for Isolation of Human Keratinocytes Training	<i>per session</i>	\$ 120.00	\$ 100.00	\$ 160.00	\$ 200.00
TS.2	Isolation of Murine Keratinocytes Training	<i>per participant</i>	\$ -	\$ -	\$ -	\$ 700.00
TS.2-1	Materials for Isolation of Murine Keratinocytes Training	<i>per session</i>	\$ 180.00	\$ 150.00	\$ 240.00	\$ 300.00
TS.3	3D Skin Organoid Culture Training	<i>per participant</i>	\$ -	\$ -	\$ -	\$ 1,500.00
TS.3-1	Materials for 3D Skin Organoid Culture Training	<i>per session</i>	\$ 240.00	\$ 200.00	\$ 320.00	\$ 400.00
TS.4	Technician Special Services	<i>per 15 minutes</i>	\$ 36.00	\$ 30.00	\$ 57.60	\$ 72.00
TS.5	Consultation with STEM Core Associate Director	<i>per 15 minutes</i>	\$ -	\$ -	\$ -	\$ 105.00
TS.6	Additional Materials Cost	<i>per unit</i>	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00
TS.7	Cell Culture Training	<i>per participant</i>				\$ 300.00
TS.7-1	Materials for Cell Culture Training	<i>per session</i>	\$ 90.00	\$ 75.00	\$ 120.00	\$ 150.00
TS.8	3D Skin Organoid Culture Harvest Training	<i>per participant</i>	\$ -		\$ -	\$ 350.00
TS.8-1	Materials for 3D Skin Organoid Culture Harvest Training	<i>per session</i>	\$ 60.00	\$ 50.00	\$ 80.00	\$ 100.00
TS.9	Dry Ice	<i>per pound</i>	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00
TS.10	Intercampus Courier Shipment Handling (Dry Ice Charged Separate	<i>per package</i>	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00
TS.11	FedEx Shipment Handling (Dry Ice Charged Separately)	<i>per package</i>	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00

All SBDRC service orders are placed through the NU Core ordering system.

NU Core Login: https://nucore.northwestern.edu/users/sign_in

For questions or to obtain a NUCore login contact Melissa Vazquez at SBDRC-STEM@northwestern.edu

Prices listed are valid thru 08/31/2026 but are subject to change.