

Electron Microscopy Sample processing charges from 1st January 2024

<i>Health Science Division (HSD) rates only apply to Dunedin campus HSD departments.</i>	HSD Dunedin	Non-HSD	External
TEM sample preparation with resin embedding	\$	\$	\$
Price per sample vial	45.00	45.00	45.00
Price for staff processing time (1 to 10 vials)	60.00	240.00	480.00
High Pressure Freezing (HPF) <i>(includes LN2)</i>			
HPF run - up to half day of freezing	155.00	410.00	685.00
HPF run - full day of freezing	250.00	680.00	1225.00
<i>Plus</i> per sample cost	10.00	10.00	10.00
Automatic Freeze Substitution (AFS) <i>(includes LN2)</i>			
AFS run (up to 30 samples) - Epoxy resin – by staff	245.00	450.00	740.00
AFS run (up to 30 samples) - Epoxy resin – by user	180.00	220.00	
AFS run (up to 30 samples) - Acrylic resin – by staff	350.00	630.00	1000.00
AFS run (up to 30 samples) - Acrylic resin – by user	250.00	310.00	
Vitrobot			
Vitrobot run - by EM staff	60.00	135.00	225.00
Vitrobot run - by user	35.00	55.00	
<i>Plus</i> per grid cost:			
Lacey	7.00	7.00	7.00
Quantifoil/C-Flat carbon	20.00	20.00	20.00
Quantifoil Gold	41.50	41.50	41.50
Ultramicrotomy and staining (per block)			
Semi-thin sections (includes trimming block) - by EM staff	15.00	50.00	90.00
Ultra-thin sections (~3 grids) & staining - by EM staff	22.50	55.00	100.00
Semi-thin sections (includes trimming block)- by user	5.00	12.50	
Ultra-thin sections (~3 grids) & staining - by user	12.50	20.00	
SEM preparation			
Fixation, CPD & mounting per sample/vial – by EM staff	55.00	140.00	250.00
Mounting only per sample – by EM staff	7.00	16.00	28.00
Sputter coating per run – by EM staff	30.00	40.00	50.00
Carbon coating per run – by EM staff	15.00	25.00	35.00
Fixation, CPD & mounting per sample/vial – by user	26.00	26.00	
Mounting only per sample – by user	3.50	3.50	
Sputter coating per run – by user	26.00	26.00	
Carbon coating per run – by user	10.50	10.50	
SBF knife charge per booking	30.00	30.00	30.00
Microscopes casual hourly rate	65.00	260.00	260.00
Microscope operation by EM staff for users (per hour)	20.00	80.00	160.00
Staff time for training in sample preparation or EM use <i>(Microscope time may be charged for if usable data is collected)</i>	FREE	FREE	