

## Electron Microscopy Sample processing charges from 1st Jan 2023

	<b>HSD 2023</b>	<b>Non-HSD 2023</b>	<b>External 2023</b>
<b>TEM sample preparation with resin embedding</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Price per sample vial	40.00	40.00	40.00
Price for staff processing time (1 to 10 vials)	60.00	240.00	480.00
<b>High Pressure Freezing (HPF) (includes LN2)</b>			
HPF run - up to half day of freezing	155.00	410.00	650.00
HPF run - full day of freezing	250.00	680.00	1100.00
<i>Plus</i> per sample cost	8.00	8.00	8.00
<b>Automatic Freeze Substitution (AFS) (includes LN2)</b>			
AFS run (up to 30 samples) - Epoxy resin – by staff	245.00	450.00	690.00
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	960.00
AFS run (up to 30 samples) - Acrylic resin – by user	250.00	310.00	
<b>Vitrobot</b>			
Vitrobot run - by EM staff	55.00	125.00	210.00
Vitrobot run - by user	35.00	45.00	
<i>Plus</i> per grid cost:			
Lacey	2.50	2.50	2.50
Quantifoil/C-Flat carbon	10.50	10.50	10.50
Quantifoil Gold	21.00	21.00	21.00
<b>Ultramicrotomy and staining (per block)</b>			
Semi-thin sections (includes trimming block) - by EM staff	15.00	46.00	85.00
Ultra-thin sections (~3 grids) & staining - by EM staff	20.00	54.00	95.00
Semi-thin sections (includes trimming block)- by user	5.00	8.50	
Ultra-thin sections (~3 grids) & staining - by user	6.50	10.50	
<b>SEM preparation</b>			
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	
<b>Microscopy operation</b> by EM staff for users (per hour)	20.00	80.00	160.00
<b>Staff time for training</b> in sample preparation or EM use <i>(Microscope time may be charged for if usable data is collected)</i>	FREE	FREE	