

Table S1. Stepwise protocol for embedding in epoxy resin (Laue 2010)

Step	Solution/Mixture/Solvent	Duration of incubation [min]	Temperature	Tissue processor
1	HEPES buffer, 0.05 M	5	RT	no
2	HEPES buffer, 0.05 M	5	RT	no
3	HEPES buffer, 0.05 M	5	RT	no
4	Osmium tetroxide, 1% in water	60	RT	no
5	Distilled water	5	RT	no
6	Distilled water	5	RT	no
7	Distilled water	5	RT	no
8	Tannic acid, 0.1% in 0.05 M HEPES buffer	30	RT	yes
9	Na ₂ SO ₄ 1% in 0.05 M HEPES buffer	10	RT	yes
10	Na ₂ SO ₄ 1% in 0.05 M HEPES buffer	10	RT	yes
11	Distilled water	10	RT	yes
12	Distilled water	10	RT	yes
13	Distilled water	10	RT	yes
14	Uranyl acetate, 2% in distilled water	120	RT	yes
15	Ethanol, 30%	30	RT	yes
16	Ethanol, 50%	30	RT	yes
17	Ethanol, 70%	30	RT	yes
18	Ethanol, 95%	60	RT	yes
19	Ethanol, abs.	60	RT	yes
20	Ethanol, abs.	60	RT	yes
21	Propylene oxide	30	RT	yes
22	Propylene oxide	30	RT	yes

23	Propylene oxide / Epon 2+1	180	RT	yes
24	Propylene oxide / Epon 1+1	180	RT	yes
25	Propylene oxide / Epon 1+3	180	RT	yes
26	Epon	120	RT	yes
27	Epon	180	RT	yes
28	Epon	240	RT	no
29	Epon - final embedding in silicone moulds	-	RT	no
30	Polymerization	2 days	60 °C	no

Tissue processor = Leica EM TP (Leica Microsystems)

References

Laue, M. Electron microscopy of viruses. *Method. Cell Biol.* **96**, 1-20 (2010).