

Current available programs for Tissue Processing Service

1. General

Total run time: 13h

Step	Reagent	Time (h)	Temperature (°C)
1	70% Alcohol	1:00	Ambient
2	75% Alcohol	1:00	Ambient
3	90% Alcohol	1:00	Ambient
4	95% Alcohol	1:00	Ambient
5	100% Alcohol	1:00	Ambient
6	100% Alcohol	1:00	Ambient
7	100% Alcohol	1:00	Ambient
8	Xylene	1:00	Ambient
9	Xylene	1:00	Ambient
10	Xylene	1:00	Ambient
11	Wax	1:00	62
12	Wax	1:00	62
13	Wax	1:00	62

2. Routine Surgical

Total run time: 5h

Tissue thickness: 3mm

Step	Reagent	Time (h)	Temperature (°C)
1	70% Alcohol	0:16	Ambient
2	75% Alcohol	0:19	35
3	90% Alcohol	0:19	35
4	95% Alcohol	0:26	35
5	100% Alcohol	0:19	35
6	100% Alcohol	0:19	35
7	100% Alcohol	0:28	35
8	Xylene	0:21	35
9	Xylene	0:21	35
10	Xylene	0:21	35
11	Wax	0:21	62
12	Wax	0:21	62
13	Wax	0:28	62

3. Rapid Biopsy

Total run time: 2h

Tissue thickness: 1-3mm

Step	Reagent	Time (h)	Temperature (°C)
1	70% Alcohol	0:07	Ambient
2	75% Alcohol	0:07	Ambient
3	90% Alcohol	0:07	Ambient
4	95% Alcohol	0:07	Ambient
5	100% Alcohol	0:07	Ambient
6	100% Alcohol	0:07	Ambient
7	100% Alcohol	0:07	Ambient
8	Xylene	0:07	Ambient
9	Xylene	0:07	Ambient
10	Xylene	0:15	Ambient
11	Wax	0:10	62
12	Wax	0:07	62
13	Wax	0:07	62

4. Thick Surgical

Total run time: 7h

Tissue thickness: 5mm

Step	Reagent	Time (h)	Temperature (°C)
1	70% Alcohol	0:10	Ambient
2	75% Alcohol	0:30	35
3	90% Alcohol	0:30	35
4	95% Alcohol	0:40	35
5	100% Alcohol	0:30	35
6	100% Alcohol	0:30	35
7	100% Alcohol	0:40	35
8	Xylene	0:30	35
9	Xylene	0:30	35
10	Xylene	0:40	35
11	Wax	0:30	62
12	Wax	0:30	62
13	Wax	0:40	62

5. Large Surgical

Total run time: 15h

Tissue thickness: more than 5mm

Step	Reagent	Time (h)	Temperature (°C)
1	70% Alcohol	1:00	Ambient
2	75% Alcohol	1:00	55
3	90% Alcohol	1:00	55
4	95% Alcohol	1:00	55
5	100% Alcohol	1:00	55
6	100% Alcohol	1:00	55
7	100% Alcohol	1:00	55
8	Xylene	1:00	55
9	Xylene	1:00	55
10	Xylene	1:00	55
11	Wax	1:00	62
12	Wax	1:30	62
13	Wax	2:00	62