

Tc-99m DECAY CHART FACTORS

The decay table below enables easy calculation of the fraction of original activity at different time intervals.

If the assay time is after the calibration time, multiply by the factor that represents the time difference. If the assay time is prior to the calibration time, divide by the factor that represents the time difference.

Minutes	0 hr	1 hr	2 hr	3 hr	4 hr	5 hr
0	1.0000	0.8913	0.7943	0.7080	0.6310	0.5624
5	0.9905	0.8828	0.7868	0.7012	0.6250	0.5570
10	0.9810	0.8743	0.7793	0.6945	0.6190	0.5517
15	0.9716	0.8660	0.7718	0.6879	0.6131	0.5464
20	0.9624	0.8577	0.7644	0.6813	0.6072	0.5412
25	0.9532	0.8495	0.7571	0.6748	0.6014	0.5360
30	0.9441	0.8414	0.7499	0.6684	0.5957	0.5309
35	0.9351	0.8334	0.7428	0.6620	0.5900	0.5259
40	0.9261	0.8254	0.7357	0.6557	0.5844	0.5208
45	0.9173	0.8175	0.7286	0.6494	0.5788	0.5159
50	0.9085	0.8097	0.7217	0.6432	0.5733	0.5109
55	0.8999	0.8020	0.7148	0.6371	0.5678	0.5061