

Chapter 6: References

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Chapter 7: Appendix

Table 7.1 Volume of formalin (ml) per mass (g) of liver

Sample No.	Liver mass (g)	Volume formalin (ml)
159C	21.1	84.4
159D	16.8	67.2
159E	23.3	93.2
117C	32.2	128.8
117D	30.8	123.2
117E	30.7	122.8
178C	29.5	118
178D	30.6	122.4
178E	30.5	122
194C	29.9	119.6
194D	31.2	124.8
194E	29.8	119.2
196C	29.6	118.4
196D	34.8	139.2
196E	33.5	134
203C	30.1	120.4
203D	29.5	118
203E	33.7	134.8
144C	30.3	121.2
144D	30.7	122.8
144E	31.4	125.6
131C	31.2	124.8
131D	30.3	121.2
131E	29.8	119.2
161C	30.2	120.8
161D	31.4	125.6
161E	30.0	120
170C	30.2	120.8
170D	29.9	119.6



170E	34.4	137.6
146C	30.6	122.4
146D	30.1	120.4
146E	30.7	122.8
135C	30.1	120.4
135D	30.7	122.8
135E	30.4	121.6
142C	31.6	126.4
142D	29.9	119.6
142E	32	128
160C	31.3	125.2
160D	29.9	119.6
160E	29.9	119.6
139C	31.4	125.6
139D	31.2	124.8
139E	30.1	120.4
164C	30.5	122
164D	30.4	121.6
164E	29.6	118.4
171C	34	136
171D	31.2	124.8
171E	30.4	121.6
214C	30.5	122
214D	31.4	125.6
214E	30.8	123.2
201C	32	128
201D	29.5	118
201E	29.9	119.6
212C	31.3	125.2
212D	29.8	119.2
212E	29	116
156C	30.7	122.8



156D	31.6	126.4
156E	30.2	120.8
200C	32.3	129.2
200D	29.7	118.8
200E	29	116
167C	29.8	119.2
167D	29.6	118.4
167E	31.3	125.2
184C	30.4	121.6
184D	31.2	124.8
184E	30.8	123.2
183C	30.7	122.8
183D	32.8	131.2
183E	30.6	122.4
207C	29	116
207D	29.5	118
207E	31	124
199C	29.2	116.8
199D	31.7	126.8
199E	32.1	128.4
163C	29.1	116.4
163D	29	116
163E	30.5	122
145C	30.3	121.2
145D	32.9	131.6
145E	30.3	121.2
5C	30	120
5D	32.4	129.6
5E	29.9	119.6
6C	31.1	124.4
6D	29.4	117.6
6E	29.2	116.8



7C	32	128
7D	30.1	120.4
7E	31.3	125.2
1C	31.0	124
1D	32.3	129.2
1E	34.6	138.4
2C	30.4	121.6
2D	32.2	128.8
2E	30.4	121.6
M26C	29.4	117.6
M26D	29.6	118.4
M26E	30.2	120.8
M35C	30.3	121.2
M35D	28.5	114
M35E	31.6	126.4

After the livers were removed from the formalin, the volume of formalin was measured to see if evaporation or possible absorption of formalin by liver, took place.

Table 7.2 Volume (ml) of formalin before and after the trial

Sample No.	Volume formalin before (ml)	Volume formalin after (ml)	Difference (ml)
159C	84.4	78	6.4
159D	67.2	60	7.2
159E	93.2	86	7.2
117C	128.8	124	4.8
117D	123.2	116	7.2
117E	122.8	114	8.8
178C	118	123	-5
178D	122.4	126	-3.6
178E	122	118	4
194C	119.6	112	7.6
194D	124.8	116	8.8
194E	119.2	110	9.2
196C	118.4	112	6.4
196D	139.2	130	9.2
196E	134	126	8
203C	120.4	114	6.4
203D	118	108	10
203E	134.8	128	6.8
144C	121.2	116	5.2
144D	122.8	114	8.8
144E	125.6	116	9.6
131C	124.8	118	6.8
131D	121.2	114	7.2
131E	119.2	112	7.2
161C	120.8	112	8.8
161D	125.6	116	9.6



161E	120	112	8
170C	120.8	134	-13.2
170D	119.6	110	9.6
170E	137.6	130	7.6
146C	122.4	114	8.4
146D	120.4	114	6.4
146E	122.8	118	4.8
135C	120.4	112	8.4
135D	122.8	112	10.8
135E	121.6	115	6.6
142C	126.4	118	8.4
142D	119.6	110	9.6
142E	128	120	8
160C	125.2	118	7.2
160D	119.6	112	7.6
160E	119.6	114	5.6
139C	125.6	116	9.6
139D	124.8	116	8.8
139E	120.4	112	8.4
164C	122	112	10
164D	121.6	112	9.6
164E	118.4	108	10.4
171C	136	126	10
171D	124.8	112	12.8
171E	121.6	108	13.6
214C	122	114	8
214D	125.6	120	5.6
214E	123.2	116	7.2
201C	128	116	12
201D	118	110	8
201E	119.6	110	9.6
212C	125.2	120	5.2



212D	119.2	110	9.2
212E	116	106	10
156C	122.8	118	4.8
156D	126.4	120	6.4
156E	120.8	108	12.8
200C	129.2	120	9.2
200D	118.8	110	8.8
200E	116	104	12
167C	119.2	112	7.2
167D	118.4	110	8.4
167E	125.2	118	7.2
184C	121.6	114	7.6
184D	124.8	108	16.8
184E	123.2	106	17.2
183C	122.8	112	10.8
183D	131.2	114	17.2
183E	122.4	110	12.4
207C	116	110	6
207D	118	110	8
207E	124	112	12
199C	116.8	108	8.8
199D	126.8	115	11.8
199E	128.4	116	12.4
163C	116.4	118	-1.6
163D	116	98	18
163E	122	116	6
145C	121.2	114	7.2
145D	131.6	122	9.6
145E	121.2	110	11.2
5C	120	116	4
5D	129.6	124	5.6
5E	119.6	106	13.6



6C	124.4	120	4.4
6D	117.6	114	3.6
6E	116.8	110	6.8
7C	128	122	6
7D	120.4	112	8.4
7E	125.2	122	3.2
1C	124	122	2
1D	129.2	124	5.2
1E	138.4	130	8.4
2C	121.6	118	3.6
2D	128.8	126	2.8
2E	121.6	110	11.6
M26C	117.6	110	7.6
M26D	118.4	110	8.4
M26E	120.8	110	10.8
M35C	121.2	112	9.2
M35D	114	108	6
M35E	126.4	114	12.4