

Table 1. Tumor uptake and tissue clearance of ¹²⁵I-TF2 in LS-174T tumor-bearing nude mice

Female athymic nude mice were injected s.c. with 1×10^7 LS-174T tumor cells per mouse. After 1 week, tumors were measured and mice assigned to groups of five mice per time point. The mean tumor size at the start of this study was $0.141 \pm 0.044 \text{ cm}^3$. All the mice were injected with $40 \mu\text{g } ^{125}\text{I-TF2}$ (250 pmols, 2 μCi). Mice were killed and necropsied at 0.5, 2, 4, 16, 24, 48, and 72 hrs after injection. Tumor and normal tissues were removed, weighed, and placed in a γ -counter to determine percent-injected dose per gram tissue (% ID/g) at each time point. The mean of the % ID/g \pm SD is given.

Tissue	0.5 h	2 h	4 h	16 h	24 h	48 h	72 h
LS-174T	4.43 \pm 1.13	9.19 \pm 1.18	10.33 \pm 2.05	5.32 \pm 1.09	5.37 \pm 0.72	1.69 \pm 0.60	1.00 \pm 0.13
Liver	11.71 \pm 2.22	8.39 \pm 0.86	4.24 \pm 0.11	0.32 \pm 0.02	0.26 \pm 0.03	0.15 \pm 0.02	0.12 \pm 0.01
Spleen	22.04 \pm 6.02	24.87 \pm 8.22	15.39 \pm 1.35	0.73 \pm 0.14	0.45 \pm 0.06	0.25 \pm 0.08	0.21 \pm 0.03
Kidney	13.45 \pm 0.64	6.31 \pm 0.48	3.88 \pm 0.24	0.31 \pm 0.04	0.24 \pm 0.03	0.14 \pm 0.02	0.11 \pm 0.01
Lungs	9.02 \pm 1.38	4.99 \pm 0.62	3.91 \pm 0.08	0.33 \pm 0.06	0.23 \pm 0.04	0.09 \pm 0.00	0.06 \pm 0.01
Blood	36.17 \pm 3.49	15.51 \pm 2.43	9.06 \pm 0.93	0.68 \pm 0.07	0.43 \pm 0.05	0.16 \pm 0.04	0.11 \pm 0.03
Stomach	3.03 \pm 0.45	26.00 \pm 5.55	50.79 \pm 10.83	0.85 \pm 0.10	1.08 \pm 0.38	0.23 \pm 0.06	0.20 \pm 0.03
Sm. Int.	2.21 \pm 0.17	3.09 \pm 0.50	2.08 \pm 0.11	0.19 \pm 0.03	0.18 \pm 0.04	0.06 \pm 0.01	0.05 \pm 0.01
Lg. Int.	0.83 \pm 0.03	1.38 \pm 0.12	1.62 \pm 0.07	0.21 \pm 0.04	0.25 \pm 0.05	0.07 \pm 0.01	0.09 \pm 0.03
Tail	3.83 \pm 0.16	3.64 \pm 0.95	2.79 \pm 0.38	0.19 \pm 0.02	0.18 \pm 0.05	0.09 \pm 0.02	0.06 \pm 0.01