

Supplemental Table 1. Summary Statistics for Whole Body and Serum Clearance

	Clearance kinetics							
	WB $T_{1/2 \text{ eff}}$	WB $T_{1/2 \text{ bio}}$	Serum A1 (%/L)	Serum $T_{1/2 \alpha \text{ eff}}$	Serum $T_{1/2 \alpha \text{ bio}}$	Serum A2 (%/L)	Serum $T_{1/2 \beta \text{ eff}}$	Serum $T_{1/2 \beta \text{ bio}}$
mean	72.3	1258	9.9	8.7	10.9	20.8	45.7	201
sd	2.6	1026	5.2	8.0	11.5	9.3	15.2	258.1
median	71.7	841	10.1	7.1	7.9	19.1	40.0	83
min	69.2	587	3.3	0.3	0.3	10.1	31.5	53
max	76.6	3301	16.6	22.9	32.4	36.6	70.7	715

Supplemental Table 2. Absorbed Dose Estimates for Normal Tissues

Target Organ	mean	sd	median	min	max
Adrenals	0.72	0.05	0.72	0.66	0.79
Brain	0.26	0.04	0.27	0.19	0.30
Breasts	0.36	0.03	0.37	0.31	0.38
Gallbladder Wall	0.74	0.05	0.74	0.68	0.81
LLI Wall	0.45	0.11	0.45	0.29	0.63
Small Intestine	0.43	0.05	0.44	0.33	0.47
Stomach Wall	0.50	0.03	0.51	0.44	0.53
ULI Wall	0.49	0.07	0.49	0.38	0.58
Heart Wall	1.21	0.13	1.23	1.06	1.41
Kidneys	1.81	0.54	1.99	1.05	2.32
Liver	1.67	0.26	1.62	1.41	1.96
Lungs	1.18	0.18	1.25	0.93	1.36
Muscle	0.37	0.03	0.38	0.30	0.40
Ovaries	0.40	0.06	0.42	0.30	0.46
Pancreas	0.68	0.03	0.67	0.65	0.73
Red Marrow	0.49	0.05	0.50	0.41	0.54
Osteogenic Cells	0.46	0.04	0.47	0.37	0.49
Skin	0.26	0.03	0.26	0.20	0.28
Spleen	1.05	0.12	1.00	0.97	1.28
Thymus	0.50	0.05	0.51	0.41	0.55
Thyroid	0.32	0.05	0.32	0.24	0.39
Urinary Bladder Wall	0.31	0.07	0.30	0.21	0.42
Uterus	0.39	0.06	0.40	0.29	0.45
Total Body	0.43	0.03	0.44	0.37	0.44
Effective Dose (mSv/MBq)	0.54	0.03	0.54	0.51	0.60