

**Supplemental Table 1. Bone marrow and muscle fractional masses of volumes of interest and whole organ reference masses.**

	Mean Fractional Mass (g)		Reference Organ Mass (g)	
	Bone Marrow	Muscle	Bone Marrow	Muscle
Subject 1	1.77	6.70	1300*	17000**
Subject 2	1.71	6.72	1300*	17000**
Subject 3	1.84	6.70	1120*	28000**
Subject 4	1.73	6.62	1120*	28000**
Subject 5	1.67	6.49	1300*	17000**
Subject 6	1.80	6.60	1120*	28000**

\*Hadid L, Gardumi A, Desbree A. Evaluation of absorbed and effective doses to subjects from radiopharmaceuticals using the ICRP 110 reference computational phantoms and ICRP 103 formulation. *Radiat Prot Dosimetry*. 2013;156:141-159.

\*\*ICRP. ICRP publication 60. Recommendations of the international commission on radiological protection. *Ann ICRP*. 1990;21:1-227.

**Supplemental Table 2. Time-integrated Activity Coefficients in hours for all subjects.**

	M1	M2	M3	Mean ± SD (males)	F1	F2	F3	Mean ± SD (females)
<b>Brain</b>	0.35	0.20	0.15	0.23 ± 0.11	0.50	0.30	0.16	0.32 ± 0.17
<b>Lungs</b>	2.08	0.90	0.83	1.27 ± 0.70	3.37	1.71	0.99	2.02 ± 1.22
<b>Spleen</b>	0.27	0.19	0.22	0.23 ± 0.04	0.15	0.61	0.17	0.31 ± 0.26
<b>Kidneys</b>	0.37	0.29	0.32	0.32 ± 0.04	0.37	0.62	0.35	0.45 ± 0.15
<b>Gallbladder</b>	NA	0.10	0.06	0.08 ± 0.03	0.02	NA	0.11	0.07 ± 0.07
<b>Liver</b>	5.90	4.40	3.42	4.57 ± 1.25	4.97	3.92	12.00	6.96 ± 4.39
<b>Heart Wall</b>	0.54	0.32	0.29	0.38 ± 0.14	0.47	0.69	0.23	0.46 ± 0.23
<b>Bladder</b>	0.84	0.45	0.60	0.63 ± 0.20	1.01	0.60	0.93	0.85 ± 0.21
<b>Pancreas</b>	0.10	0.05	0.08	0.08 ± 0.03	0.13	0.15	0.05	0.11 ± 0.05
<b>Red Marrow</b>	3.05	2.03	3.76	2.95 ± 0.87	4.77	4.76	3.83	4.45 ± 0.54
<b>Adrenal Glands</b>	0.02	0.01	0.00	0.01 ± 0.01	0.02	0.02	0.01	0.01 ± 0.01
<b>Small Intestine</b>	0.92	1.66	2.03	1.54 ± 0.56	0.67	1.57	1.33	1.19 ± 0.46
<b>Breasts</b>	NA	NA	NA	NA	0.26	0.17	0.16	0.19 ± 0.05
<b>Testes</b>	0.05	0.03	0.02	0.03 ± 0.02	NA	NA	NA	NA
<b>Thyroid</b>	0.09	0.04	0.03	0.05 ± 0.03	0.05	0.02	NA	0.04 ± 0.02
<b>Large Intestine</b>	2.68	1.64	2.21	2.18 ± 0.52	0.64	0.81	2.38	1.28 ± 0.96
<b>Thymus</b>	0.02	0.02	0.02	0.02 ± 0.00	0.03	0.01	0.01	0.02 ± 0.01
<b>Muscle</b>	18.49	22.03	15.16	18.56 ± 3.44	11.79	15.66	8.01	11.82 ± 3.83
<b>Stomach Wall</b>	0.66	0.28	0.25	0.40 ± 0.23	0.02	0.40	0.25	0.22 ± 0.19
<b>Uterus</b>	NA	NA	NA	NA	0.10	0.07	0.08	0.08 ± 0.02
<b>Ovaries</b>	NA	NA	NA	NA	0.01	0.03	0.01	0.01 ± 0.01
<b>Whole Body</b>	56.03	47.80	42.20	48.68 ± 6.96	78.05	86.49	48.51	71.01 ± 19.94
<b>Remainder of Body</b>	19.61	13.17	12.75	15.17 ± 3.84	48.70	54.37	17.47	40.18 ± 19.87

M1-M3: Male subjects; F1-F3: Female subjects; SD = standard deviation; NA = not available

**Supplemental Table 3. Absorbed dose estimates (mGy/MBq) for all subjects.**

	<b>M1</b>	<b>M2</b>	<b>M3</b>	<b>F1</b>	<b>F2</b>	<b>F3</b>	<b>Mean ± SD</b>
<b>Adrenals</b>	0.437	0.304	0.223	0.587	0.567	0.391	0.418 ± 0.143
<b>Brain</b>	0.107	0.073	0.064	0.213	0.192	0.085	0.122 ± 0.064
<b>Breasts</b>	0.153	0.115	0.104	0.287	0.253	0.176	0.181 ± 0.074
<b>Gallbladder Wall</b>	0.360	0.416	0.336	0.516	0.557	0.694	0.480 ± 0.136
<b>Lower large intestinal wall</b>	0.827	0.572	0.689	0.616	0.723	0.824	0.709 ± 0.105
<b>Small Intestine</b>	0.445	0.503	0.562	0.553	0.790	0.572	0.571 ± 0.117
<b>Stomach Wall</b>	0.439	0.279	0.252	0.420	0.623	0.352	0.394 ± 0.134
<b>Upper large intestinal wall</b>	0.755	0.549	0.648	0.595	0.721	0.820	0.681 ± 0.102
<b>Heart Wall</b>	0.454	0.305	0.274	0.636	0.786	0.375	0.472 ± 0.201
<b>Kidneys</b>	0.393	0.321	0.325	0.507	0.690	0.454	0.448 ± 0.139
<b>Liver</b>	0.793	0.605	0.484	0.950	0.822	1.890	0.924 ± 0.501
<b>Lungs</b>	0.459	0.263	0.235	0.882	0.605	0.377	0.470 ± 0.243
<b>Muscle</b>	0.239	0.234	0.188	0.357	0.416	0.221	0.276 ± 0.090
<b>Ovaries</b>	NA	NA	NA	0.477	0.732	0.385	0.409 ± 0.177
<b>Pancreas</b>	0.413	0.289	0.301	0.584	0.669	0.397	0.442 ± 0.154
<b>Red Marrow</b>	0.367	0.277	0.363	0.612	0.653	0.406	0.446 ± 0.151
<b>Osteogenic Cells</b>	0.337	0.257	0.297	0.755	0.816	0.423	0.481 ± 0.243
<b>Skin</b>	0.131	0.109	0.096	0.283	0.316	0.138	0.179 ± 0.095
<b>Spleen</b>	0.409	0.312	0.316	0.433	0.955	0.351	0.463 ± 0.246
<b>Testes</b>	0.290	0.212	0.153	NA	NA	NA	0.218 ± 0.069
<b>Thymus</b>	0.291	0.234	0.226	0.503	0.371	0.244	0.312 ± 0.108
<b>Thyroid</b>	0.696	0.384	0.313	0.643	0.439	0.155	0.438 ± 0.204
<b>Urinary Bladder Wall</b>	0.564	0.373	0.421	0.908	0.709	0.734	0.618 ± 0.204
<b>Uterus</b>	NA	NA	NA	0.529	0.512	0.393	0.367 ± 0.131
<b>Total Body</b>	0.254	0.219	0.193	0.448	0.494	0.281	0.315 ± 0.125
<b>Effective Dose (mSv/MBq)</b>	0.448	0.304	0.325	0.573	0.618	0.485	0.459 ± 0.127

M1-M3: Male subjects; F1-F3: Female subjects; SD = standard deviation; NA = not available

**Supplemental Table 4. Plasma protein binding expressed as % free radiotracer.**

	<b>30 min</b>	<b>60 min</b>
<b>M1</b>	29.7	29.9
<b>M2</b>	0.9	1.6
<b>M3</b>	28.4	27.5
<b>Mean ± SD (male)*</b>	29.1 ± 0.9	28.7 ± 1.7
<b>F1</b>	29.9	24.9
<b>F2</b>	38	42.8
<b>F3</b>	33.6	27.5
<b>Mean ± SD (female)</b>	33.8 ± 4.1	31.7 ± 9.7

M1-M3: Male subjects; F1-F3: Female subjects; SD = standard deviation

\*M2 was excluded [plasma protein binding 7.93 SD lower than the mean for the remaining five subjects].