

C.1.4. Absorbed doses for [1-¹¹C]-acetate¹¹C 20.4 min

Organ	Absorbed dose per unit activity administered (mGy/MBq)				
	Adult	15 years	10 years	5 years	1 year
Adrenals	3.4E-03	4.3E-03	6.6E-03	1.0E-02	1.8E-02
Bladder	1.2E-03	1.4E-03	2.3E-03	3.9E-03	7.0E-03
Bone surfaces	1.5E-03	1.9E-03	3.0E-03	4.8E-03	9.6E-03
Brain	9.8E-04	1.2E-03	2.1E-03	3.5E-03	6.6E-03
Breasts	1.2E-03	1.5E-03	2.5E-03	4.0E-03	7.6E-03
Gallbladder	3.4E-03	3.9E-03	5.5E-03	8.7E-03	1.6E-02
Gastrointestinal tract					
Stomach	2.0E-03	2.4E-03	3.9E-03	6.0E-03	1.1E-02
Small intestine	1.7E-03	2.2E-03	3.5E-03	5.6E-03	1.0E-02
Colon	1.6E-03	1.9E-03	3.2E-03	5.0E-03	9.5E-03
(Upper large intestine)	1.8E-03	2.2E-03	3.7E-03	5.7E-03	1.1E-02
(Lower large intestine)	1.3E-03	1.5E-03	2.5E-03	4.1E-03	7.5E-03
Heart	1.3E-02	1.7E-02	2.6E-02	4.1E-02	7.4E-02
Kidneys	5.2E-02	6.3E-02	8.8E-02	1.3E-01	2.3E-01
Liver	1.3E-02	1.8E-02	2.7E-02	4.0E-02	7.5E-02
Lungs	2.4E-03	3.1E-03	4.8E-03	7.6E-03	1.5E-02
Muscles	1.3E-03	1.7E-03	2.6E-03	4.2E-03	8.0E-03
Oesophagus	1.5E-03	1.9E-03	2.8E-03	4.4E-03	8.1E-03
Ovaries	1.4E-03	1.8E-03	2.8E-03	4.6E-03	8.6E-03
Pancreas	1.2E-02	1.6E-02	3.3E-02	4.2E-02	9.1E-02
Red marrow	1.8E-03	2.2E-03	3.3E-03	5.1E-03	9.2E-03
Skin	1.0E-03	1.2E-03	2.0E-03	3.3E-03	6.4E-03
Spleen	2.9E-03	3.6E-03	5.8E-03	8.9E-03	1.6E-02
Testes	1.0E-03	1.3E-03	2.0E-03	3.2E-03	6.4E-03
Thymus	1.5E-03	1.9E-03	2.8E-03	4.4E-03	8.1E-03
Thyroid	1.2E-03	1.6E-03	2.6E-03	4.4E-03	8.5E-03
Uterus	1.4E-03	1.7E-03	2.8E-03	4.5E-03	8.4E-03
Remaining organs	1.4E-03	1.7E-03	2.7E-03	4.4E-03	8.1E-03
Effective dose (mSv/MBq)	3.5E-03	4.3E-03	6.5E-03	9.9E-03	1.8E-02