

## Radioisotope Handling and Storage Limits

Radioisotope	Storage Limits (MBq)	Handling Limit (MBq)
$^3\text{H}$	500	500
$^{14}\text{C}$	250	50
$^{35}\text{S}$	250	50
$^{32}\text{P}$	50	5
$^{36}\text{Cl}$	50	5
$^{45}\text{Ca}$	50	5
$^{51}\text{Cr}$	100	50
$^{59}\text{Fe}$	5	5
$^{64}\text{Zn}$	5	5
$^{75}\text{Se}$	5	5
$^{125}\text{I}$	5	5
$^{131}\text{I}$	5	5

For each radioisotope, the maximum activity of stock solution which may be dispense and the maximum activity of the aliquot which may be manipulated by an unclassified worker is given in the table below.

Radioisotope	$^3\text{H}$	$^{14}\text{C}$	$^{35}\text{S}$	$^{32}\text{P}$	$^{125}\text{I}$	$^{131}\text{I}$	
Stock Solution Maximum activity (MBq)	500	250	250	50	5	5	
Dispensed Aliquot Maximum activity (MBq)	500	50	50	5	5	5	

### Health Note:

Female workers who become pregnant must inform the University Radiation Protection Advisor. The information will be treated in the strictest confidence and will not be divulged without prior written consent. All efforts should be made to ensure that the dose to the fetus  $< 1\text{mSv}$  for the duration of the pregnancy. For women who are breast-feeding, extra precautions should be taken in the workplace to ensure that radiation levels are minimal.