

# Units Used in Relation to Radioactivity

Name	Unit (Symbol)	Definition
Unit of Radioactivity International System of Units (SI)		
<b>Radioactivity</b>	Becquerel (Bq)	This unit represents the quantity of radioactive material in which one nucleus decays per second.
Unit of Radiation Dosage International System of Units (SI)		
<b>Absorbed dose</b>	Gray (Gy)	This unit represents how much energy is received by an object or person hit by radiation. A dose of 1 Gray corresponds to 1 joule of energy absorbed by 1 kilogram of matter.
<b>Dose</b>	Sievert (Sv)	This unit is used for assessing how much risk radiation poses to people in terms of inducing cancer or genetic damage. (1 Sievert = 1,000 mSv)
Unit of Energy International System of Units (SI)		
<b>Energy</b>	Joule (J)	Unit of energy that represents the energy of radiation (1J=6.2×10 <sup>18</sup> eV)