

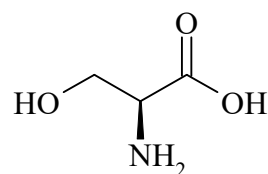
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**SERINE, L-[<sup>3</sup>H(G)]-**

**Product Number: NET248**

**LOT SPECIFIC INFORMATION**

Lot Number:	<u>2810524</u>
Specific Activity:	<u>27.0</u> Ci/mmol
	<u>999.0</u> GBq/mmol
Production Date:	<u>21-Dec-2020</u>



M.W. 105  
C<sub>3</sub>H<sub>7</sub>NO<sub>3</sub>

**PACKAGING:** 1.0 mCi/ml (37 MBq/ml) in ethanol:water (2:98), steri-packaged.

**STABILITY AND STORAGE RECOMMENDATIONS:** When serine L-[<sup>3</sup>H(G)]- is stored at 5°C in its original solvent and at its original concentration, the rate of decomposition is initially 1-2% for 3 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

**SPECIFIC ACTIVITY RANGE:** 15-40 Ci/mmol (555-1480 GBq/mmol)

**RADIOCHEMICAL PURITY:** This product was initially found to be greater than 97% when determined by one or more of the following methods. The rate of decomposition can accelerate. It is advisable to check purity prior to use:

High pressure liquid chromatography on a SCX column using the following mobile phase:  
potassium phosphate, pH 3.0.

**QUALITY CONTROL:** The radiochemical purity of serine L-[<sup>3</sup>H(G)]- is checked at appropriate intervals using the abovelisted chromatography method.

**HAZARD INFORMATION:** WARNING: This product contains a chemical known to the state of California to cause cancer.

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