

# Product specification

**CAUTION: Radioactive material. Research use only.**

## [<sup>125</sup>I] Thyroid-Peroxidase, Human (hTPO)

Code: IRC-117

Lot number	.....	
Package size	370 kBq	10 µCi
Activity reference date	.....	
Production date	.....	
Specific activity	..... TBq/mmol	..... Ci/mmol
Molecular weight	105,000 Da	
Radiochemical purity	> 90% RCP	< 5% free iodide
Biological testing	RIA	
Form and Storage	Solution, at 2-8°C	
Radioactive concentration	..... MBq/ml	..... µCi/ml
Volume	.....ml	
Buffer composition	0.05M PBS, , 0.9 % NaCl, 0.1 % Bovine γ-Globulin, 0.1 % NaN <sub>3</sub>	
Preparation	Chloramine-T method Purified by size exclusion chromatography	
Availability	A fresh batch is prepared every 4 weeks	



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