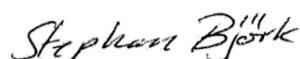


# Certificate of Analysis

Issued November 2024

<b>Product Name</b>	SEQURNA™ RNase Inhibitor Thermostable
<b>Product Number</b>	SQ-RIT-015, SQ-RIT-045
<b>Product Lot Number</b>	24153
<b>Product Composition</b>	Proprietary synthetic RNase inhibitor mix in nuclease free water. 50 mass units/μl, 150 μl solution per vial. SQ-RIT-015 contains one vial and SQ-RIT-045 three vials.
<b>Supplier</b>	Genovis AB, Sweden.
<b>Storage Temperature</b>	15-30°C. Avoid storing product in direct sunlight.

TEST	SPECIFICATIONS	RESULTS LOT
<b>Appearance</b>	Clear colourless solution.	Pass
<b>cDNA yield from human cell line</b>	The yield and quality of cDNA from lysed HEK cells using a modified version of Smart-seq2 full-length cDNA synthesis with low-cycle amplification and SEQURNA in the lysis buffer are improved or on par with to the original protocol using a recombinant inhibitor.	Pass
<b>Template contamination control</b>	No amplicon was produced without an RNA template when using Smart-seq2 and high-cycle amplification.	Pass
<b>Activity</b>	One unit SEQURNA RNase Inhibitor Thermostable is defined as a mass unit. 5 mass units/μl SEQURNA inhibits 0.1 pg RNase A or RNase B in a 10 μl reaction (200 ng ssRNA) by ≥50% at 37°C for 1 hour. Performance tested in single-cell RNA-seq cDNA library generation.	Pass
<b>Expiry</b>	September 2026.	



**Stephan Björk**  
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