

Denarase ELISA Kit

Art. No: 41901-1

ELISA Kit for the quantitative in vitro measurement of *Serratia marcescens* endonuclease.

The Denarase ELISA Kit comprises ready to use microtest plates pre-coated with a monoclonal antibody, a monoclonal detector antibody (both antibodies specific for *Serratia marcescens* endonuclease) and further reagents.

The Denarase ELISA Kit is produced under ISO 9001.

The kit is for research and manufacturing use only and is not intended to be used for diagnostic procedures.

REAGENTS AND MATERIAL OF Denarase ELISA Kit

No.	Reagent	Details	Quantity
1	Microtest plate (ready to use)	96 well (12 strips of 8 wells), pre-coated with a monoclonal antibody specific for <i>Serratia marcescens</i> endonuclease	5 plates
2	Washing and dilution buffer (10x)	Tris buffered saline containing surfactant and preservative, 10x concentrate	3x 100 mL
3	Washing and dilution buffer (10x)	Tris buffered saline containing surfactant and preservative, 10x concentrate	1x 20 mL
4	Denarase Standard (10 µg/mL)	Denarase Endonuclease in a buffered solution with preservative	1x 0.1 mL
5	Detector antibody (100x)	Monoclonal antibody specific for <i>Serratia marcescens</i> endonuclease, conjugated to biotin, in a buffered solution with preservative, 100x concentrate	1x 0.75 mL
6	Enzyme conjugate (100x)	Streptavidin-conjugated horseradish peroxidase in stabilized solution, 100x concentrate	1x 0.75 mL
7	Substrate solution	TMB One Substrate solution, ready to use	1x 75 mL
8	Stop solution	0.5 M sulfuric acid	1x 75 mL

Parameter	Method	Specification
CV OD ₄₅₀ for Assay Control Target Ranges	System Suitability Test for Denarase ELISA Kit	CV ≤ 15%
Linearity	acc. to "Prevalidation Protocol (Denarase ELISA) V01"	31.25 pg/mL – 1000 pg/mL
Limit of Detection	acc. to "Prevalidation Protocol (Denarase ELISA) V01"	4 pg/mL
Limit of Quantification	acc. to "Prevalidation Protocol (Denarase ELISA) V01"	12 pg/mL

Storage Store at 2 - 8 °C.

Stability Stable within specification range for a period of 18 months after production under proper storage conditions. Transport temperature during shipping may deviate from storage temperature without affecting product quality.

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