

# DENARASE® ELISA Kit

For the determination of *Serratia marcescens* endonuclease in process-derived samples

Endonucleases are added during the manufacturing of viral vectors in order to digest and remove residual DNA and RNA. In the subsequent purification process, removal of the endonuclease needs to be confirmed. This may require quantification of the enzyme down to the pg/mL level. Early decision for a sensitive and robust assay will help to de-risk process development from pre-/clinical to commercial manufacturing.

**c-LEcta's DENARASE® ELISA Kit is a highly sensitive assay to monitor the removal of endonucleases in process-derived samples:**

- Quantification of endonucleases originating from *Serratia marcescens* including DENARASE® and Benzonase®
- Unmatched sensitivity and reproducibility due to detection by monoclonal antibodies
- Broad working range at low concentrations
- Convenient and quick assay, supplied with all ready-to-use reagents
- Suitable for applications in process development and quality control
- Made in Germany



**15-50 x  
more sensitive  
vs conventional  
ELISA Kits!**

## Performance Parameters

- Limit of Detection (LOD): 4 pg/mL
- Limit of Quantification (LOQ): 12 pg/mL
- Working Range: 32 – 1000 pg/mL
- Intra- and inter-assay coefficients of variation (CVs) typically below 10%

# Technical support

Our DENARASE® ELISA Kit pre-validation report is available on demand, containing detailed information:

- Intra- and inter-assay precision
- Limit of detection and quantification working range
- Testing with representative process-derived samples

Please ask our experts for further details.

## Available DENARASE® ELISA Kit:

Art. No.	Kit content
41901-1	480 measurements/kit

For research and manufacturing use only.

## About us

c-LEcta is a world-leading biotechnology company with a focus on enzyme engineering and applications in regulated markets like the food and pharmaceutical industries. The company is based in Leipzig, Germany, and has established itself as a leading player in the realization of high-value biotech products, in the form of in-house developments or in close cooperation with industry. The company currently employs more than 120 people. c-LEcta is part of the Kerry group. [c-LEcta.com](http://c-LEcta.com)

### Contact us for further information.

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