



Endotoxin detection kit: Replace your LAL test by rFC test

A new laboratory tool for bacterial endotoxin detection using recombinant Factor C (rFC), replacing traditional LAL testing. No false positives from β -glucans, with high assay sensitivity. Cost-effective alternative without compromising product quality.

The BioVendor test assay is intended as a cost-effective, equivalent alternative to the LAL test, eliminating the need for inhibitors while delivering performance comparable to other endotoxin detection assays.

The assay is widely used in biotechnology research and pharmaceutical manufacturing for in-process control and final product release, helping to ensure product quality and patient safety.

Product Name

Recombinant Factor C Endotoxin Detection Kit

Cat. No.

RZA001R

Size

96 determinations

Key advantages of rFC technology

- High specificity for endotoxin (LPS)
- No Factor G pathway involved / no β -glucan interference / no need for β -glucan blocking reagents
- Excellent lot-to-lot consistency
- Animal-free recombinant technology, no biological variability
- Reliable and sustainable reagent supply
- Compatible with modern regulatory expectations

Key features

Assay format	96-well, quantitative, two-point end-point fluorescence assay
Working pH range	pH 6–8
High assay precision with low intra batch and inter batch CVs	<10%, <15% respectively
High sensitivity assay	0.005 EU/ml
Stability of reconstituted reagents	8 weeks at 2–8°C
Detection	excitation/emission wavelength of 380/440nm
Quantitative calibration range	0.005 – 5 EU/ml
Size	96 tests / package

For more information, please contact us at sales@biovendor.com

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