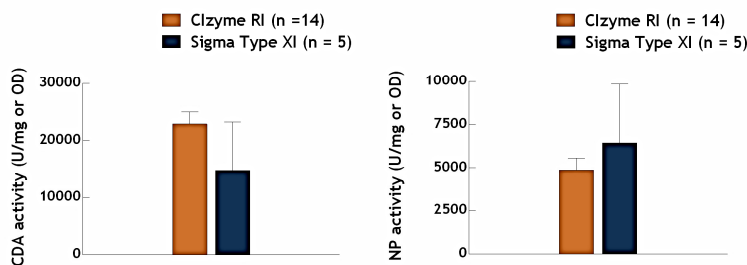


Clzyme™ RI

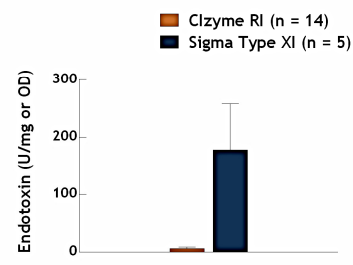
Never lot test again.

Lot testing is required to manage the variability of enzyme activities in crude collagenase used for rodent islet isolation. Clzyme™ RI overcomes "lot qualification" since purified enzymes are used to manufacture a consistent product. Consistent performance of Clzyme RI **eliminates lot testing**, improving productivity.

Comparative Enzyme Activities



Comparative Endotoxin Units



Crude collagenase products (such as Sigma Type XI) are minimally purified bacterial culture supernatants with highly variable collagenase and protease activity (see error bars). The benefits of enzyme purification are consistent enzyme activities and reduction in endotoxin contamination when Clzyme™ RI is compared to Type XI.

The three Cs of Clzyme™ RI:

CONSISTENCY

- increases productivity and control
- method standardization enables comparison of results between laboratories
- adverse contaminants minimized

CONVENIENCE

- avoids weighing of powder
- reconstitute and use
- remainder can be frozen and reused

COST EFFECTIVENESS

- lowest price in market for a purified enzyme
- eliminates need to purchase large quantities to manage the biochemical variability of crude collagenase



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www.pelobiotech.com

Ask for Clzyme™ RI.

You may think that lot testing can alleviate problems in the islet isolation process. But this comes at the cost of wasted time and resources in matching performance to a prior lot of collagenase. How will the results with the new lot compare to those you reported on earlier???

Consider Clzyme™ RI from VitaCyte. Our staff has decades of scientific experience in developing and supporting the use of purified enzymes in cell isolation procedures. And we're here to help you.

Representative Results

SPECIES	STRAIN	ISLETS/PANCREAS	COMMENT
Mouse	C57BL6	250–300	8 weeks and older
Mouse	CD-1	250–300	8 weeks and older
Mouse	NMRI	400–500	12 weeks and older
Rat	SD	600–1000	8 weeks and older
Rat	Lewis	800–1000	4 weeks and older

Ordering Information

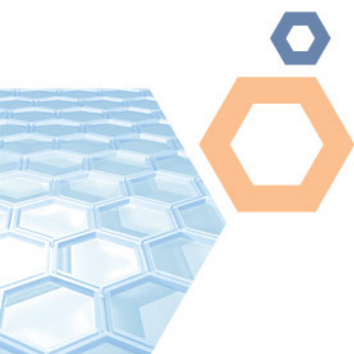
PRODUCT	CATALOG	PRICE	INTENDED APPLICATION
Clzyme™ RI	005-1030	\$40	Rodent islet isolation: 5 to 15 Mice or 3 to 6 Rats 3 5: 3 to 6 Rats

To Order:

- send order via email to orders@vitacyte.com
- fax an approved purchase order to 317.917.3459
- call 888.664.2687 Monday through Friday, 8:30 AM – 5:30 PM ES

All orders received before 4:00 PM EST Monday – Thursday will be shipped on dry ice via FedEx for next-day delivery. Contact us directly for volume discounts.

For more information on specific applications, please download a copy of the pack insert at <http://www.vitacyte.com/wp-content/uploads/2009/03/clzyme-ri-005-1030-pack-insert-v-may-2011.pdf> or contact technical service at 888.664.2687 between 8:30 AM and 5:30 PM EST.



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