

Activezyme® HRP Conjugate Stabilizer Designed to Boost Enzyme Stability

EASY INCORPORATION

Use with any immunoassay - save precious time and money. Monobind developed Activezyme® for its 150+ test systems that incorporate HRP - distributed worldwide since 1977.

UNIVERSAL APPLICATION

Activezyme may be used for stability of antigens, monoclonal, and polyclonal antibodies incorporated in HRP.

SAY GOODBYE TO DILUTIONS

Immunoassays with Activezyme greatly enhance ease-of-use as end-users may omit the conjugate dilution step.

IMPROVE SHIP CONDITIONS & SHELF LIFE

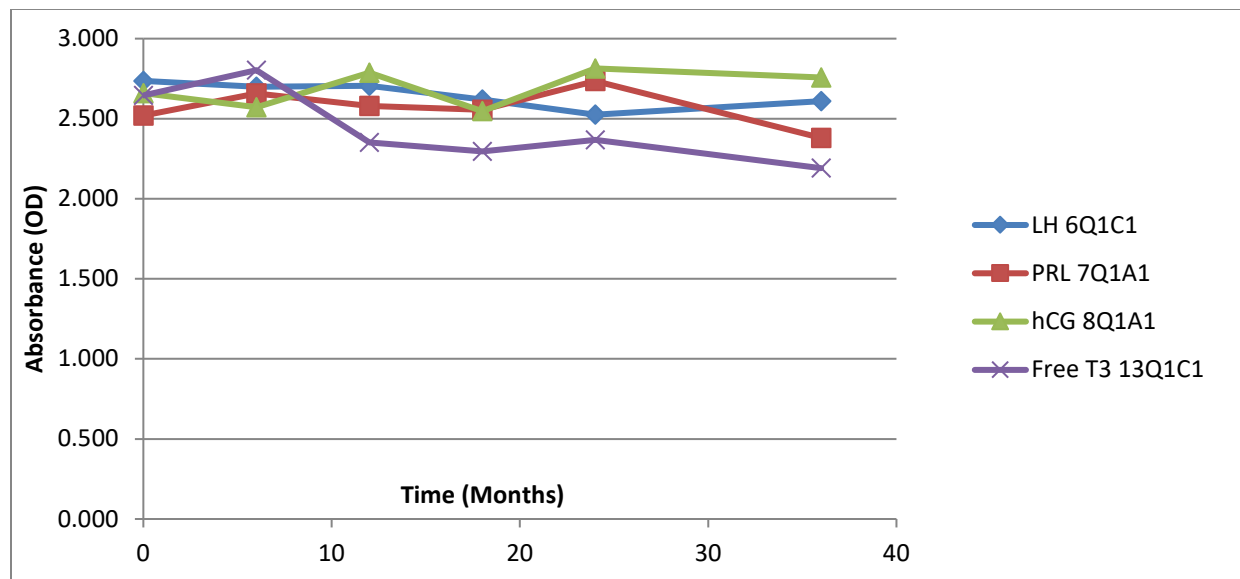
Activezyme serves as a very stable dilution matrix boosting enzyme stability and greatly improving immunoassay transit-conditions as HRP-reagents may be shipped at ambient condition (provided your established stability studies and transit guidelines).

PRODUCT SPECIFICATIONS

Shelf Life	Stable at room temperature for up to 30 days and for 3 years at 2-8 °C
Shipment & Storage	Ships ambient, store at 2-8 °C
pH	6.1 - 6.7
Preservative	MIT and BND
Ready to Use	Dilute your HRP-conjugate to an optimal level in Activezyme
Or Concentrate	Dilute Activezyme with DI water to the desired efficacy (suggested is 10 times) then add your HRP-conjugate

STABILITY DATA

Real-time analysis of Monobind products (antigen and antibody detection kits) for 36 months demonstrates robust stability of enzyme activity, therefore Activezyme provides extension of product shelf life.



RETENTION DATA

	LH enzyme 6Q1C1		PRL Enzyme 7Q1A1		hCG Enzyme 8Q1A1		Free T3 Enzyme 13Q1C1	
	OD	Retention %	OD	Retention %	OD	Retention %	OD	Retention %
Initial	2.736	100%	2.520	100%	2.659	100%	2.645	100%
6 months	2.700	99%	2.658	105%	2.572	97%	2.803	106%
12 months	2.705	99%	2.580	102%	2.788	105%	2.352	89%
18 months	2.619	96%	2.555	101%	2.547	96%	2.296	87%
24 months	2.525	92%	2.735	109%	2.814	106%	2.368	90%
36 months	2.609	95%	2.380	94%	2.758	104%	2.191	83%

AVAILABLE ITEM #s

Activezyme is offered in concentrated and ready-to-use formats. Users may determine preferred dilutions for their applications. See [Conjugate Stabilizer](#) section of Monobind's website for more details:

477MM	Activezyme HRP Stabilizer (10 x Concentrate) 100ml
478MM	Activezyme HRP Stabilizer (10 x Concentrate) 500ml
479MM	Activezyme HRP Stabilizer (10 x Concentrate) 1000ml
882MM	Activezyme HRP Stabilizer (10 x Concentrate) 5000ml in 5L Cubitainer
881MM	Activezyme HRP Stabilizer (10 x Concentrate) 10000ml in 10L Cubitainer
642MM	Activezyme HRP Stabilizer (10 x Concentrate) 20ml Sample
670MM	Activezyme HRP Stabilizer (Ready to Use) 1000ml
704MM	Activezyme HRP Stabilizer (Ready to Use) 20ml Sample

MONOBIND QUALITY MANAGEMENT

Products are manufactured within a [ISO 13485 Certified](#), [CA Food and Drug Manufacturing Licensed](#), and a [FDA Registered Establishment](#), following cGMP, FDA 21 CFR 820 and Part 210, in a 40,000+ square foot facility located in [Lake Forest, California](#).

Contact us today to learn more

www.monobind.com

sales@monobind.com

