

Myoglobin (Myo)

Item Number: Myo

Introduction

Looking for Myoglobin IVD assay reagents? We offer Myoglobin antibodies and antigens for LF, IT, and FIA assays. High quality, accurate results. Explore now!

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Attribute	Value
Product Name	Anti-h Myoglobin
Description	Monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components.
Application	LF, IT, FIA
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Isotype	IgG2b
Clonality	Monoclonal
Epitope	N/D
Purity	≥ 95 %
Affinity Constant	KA= 1 x 10 ⁸ 1/M
Associated Products	Recombinant Myoglobin antigen, Medix Biochemica 610030 and native Myoglobin antigen Lee Biosolutions 431-11.
Buffer	37 mM citrate, 125 mM phosphate, pH 6.0, 0.095 % NaN ₃ as a preservative
IEF Profile	6.5-7.8
Cross Reactivity	Hemoglobin < 0.1 %
Specificity	Antibody recognizes human myoglobin

Attribute	Value
Storage	+2-8°C
Shipping	Cold packs
Shelf Life	24 months

Attribute	Value
Appearance	Product packaging box and aluminum foil packaging bag should be complete and undamaged.
Test strip width	The width of the test strip should not exceed ±0.20mm of the nominal value, which is 4.00mm.
Migration Rate	The migration rate of the liquid should be no less than 8.0 mm/min.
Minimum Detection Limit (Myo)	≤30 ng/ml
Linear Range (Myo)	Within the range of 50 ng/ml ~ 400 ng/ml, the linear correlation coefficient r≥0.990.
Accuracy	The relative deviation between the average detected value and the target value of BIORAD cardiac marker control product should be no more than 20%.
Repeatability	The repeatability of the kit should be no more than 10%.
Inter-batch Precision	The inter-batch difference of the kit should be no more than 15%.
Stability	When stored at 4-30°C in sealed aluminum foil bags, take the product within 1 month of the expiration date for testing, and the test results should meet the requirements of items 2.2~2.7.