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Datasheet for ABIN6951167

Lactate Dehydrogenase A ELISA Kit

Overview

Quantity:	96 tests
Target:	Lactate Dehydrogenase A (LDHA)
Reactivity:	Rat
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Rat LDHA ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<ul style="list-style-type: none"> • Strip plates and additional reagents allow for use in multiple experiments • Quantitative protein detection • Establishes normal range • The best products for confirmation of antibody array data
Components:	<ul style="list-style-type: none"> • Pre-Coated 96-well Strip Microplate • Wash Buffer • Stop Solution • Assay Diluent(s) • Lyophilized Standard • Biotinylated Detection Antibody • Streptavidin-Conjugated HRP • TMB One-Step Substrate

Product Details

Material not included:	<ul style="list-style-type: none">• Distilled or deionized water• Precision pipettes to deliver 2 µl to 1 µl volumes• Adjustable 1-25 µl pipettes for reagent preparation• 100 µl and 1 liter graduated cylinders• Tubes to prepare standard and sample dilutions• Absorbent paper• Microplate reader capable of measuring absorbance at 450nm• Log-log graph paper or computer and software for ELISA data analysis
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Target Details

Target:	Lactate Dehydrogenase A (LDHA)
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Alternative Name:	LDHA (LDHA Products)
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Gene ID:	24533
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UniProt:	P04642
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Pathways:	Warburg Effect
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Plate:	Pre-coated
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Protocol:	<ol style="list-style-type: none">1. Prepare all reagents, samples and standards as instructed in the manual.2. Add 100 µl of standard or sample to each well.3. Incubate 2.5 h at RT or O/N at 4°C.4. Add 100 µl of prepared biotin antibody to each well.5. Incubate 1 h at RT.6. Add 100 µl of prepared Streptavidin solution to each well.7. Incubate 45 min at RT.8. Add 100 µl of TMB One-Step Substrate Reagent to each well.9. Incubate 30 min at RT.10. Add 50 µl of Stop Solution to each well.11. Read at 450 nm immediately.
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Restrictions:	For Research Use only
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Handling

Expiry Date:	6 months
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