# ARG81352
# Lactate Dehydrogenase Assay Kit

Package: 100 assay
Store at: -20°C

## Summary

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|---|---|
| Product Description | ARG81352 Lactate Dehydrogenase Assay Kit is a detection kit for the quantification of Lactate Dehydrogenase in serum, plasma, and cell/tissue extracts. |
| Tested Reactivity | Hu, Ms, Rat, Mamm |
| Tested Application | FuncSt |
| Target Name | LDHA / Lactate Dehydrogenase |
| Conjugation Note | Read at 565 nm. |
| Sensitivity | 2 U/L |
| Detection Range | 2 - 200 U/L |
| Sample Type | Serum, plasma, and cell/tissue extracts. |
| Sample Volume | 10 µl |
| Alternate Names | PIG19; Cell proliferation-inducing gene 19 protein; LDH muscle subunit; Renal carcinoma antigen NY-REN-59; HEL-S-133P; L-lactate dehydrogenase A chain; GSD11; LDHM; EC 1.1.1.27; LDH-M; LDH-A |

## Application Instructions

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| Application Note | Please note that this kit does not include a microplate. |
| Assay Time | 30 min |

## Properties

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| Form | Liquid |
| Storage instruction | Store the kit at -20°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

## Bioinformation

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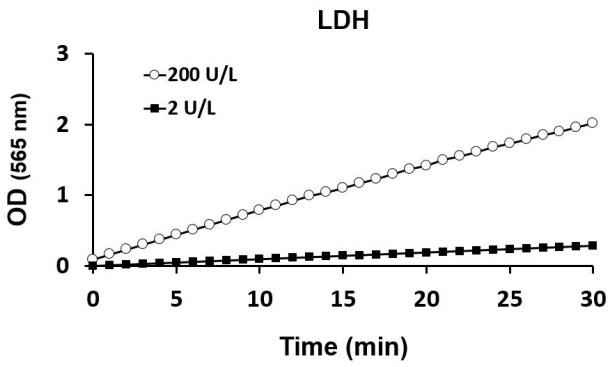
|---|---|
| Gene Symbol | LDHA |
| Gene Full Name | lactate dehydrogenase A |
| Background | The protein encoded by this gene catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in this gene have been linked to exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene. [provided by RefSeq, Sep 2008] |
| PTM | ISGylated. [UniProt] |

## Images




ARG81352 Lactate Dehydrogenase Assay Kit enzyme kinetics graph

Kinetics of 2 and 200 U/L Lactate Dehydrogenase reaction, using ARG81352 Lactate Dehydrogenase Assay Kit.