

Product No. L-7016

Lot 016H4803

Monoclonal Anti-Human Lactate Dehydrogenase (LDH)

H-Subunit Specific

Mouse Ascites Fluid

Clone No. HH-17

Monoclonal Anti-Human Lactate Dehydrogenase (LDH) (mouse IgG1 isotype) is derived from the hybridoma produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse. Purified Human LDH-H4 isoenzyme was used as the immunogen. Monoclonal Anti-Human LDH is of the mouse IgG1 subclass as determined by a double diffusion assay. The product is provided as ascites fluid with 0.1% sodium azide (see MSDS)* as a preservative.

Specificity

Monoclonal Anti-Human Lactate Dehydrogenase is immunospecific for LDH isoenzymes containing the H-subunit as determined by ELISA. No cross-reaction is observed with the M₄ isoenzyme.

Working Dilution

The working dilution was determined to be 1:1,500 by indirect ELISA using LDH isoenzymes containing the H-subunit at a concentration of 25 µg/ml as coating solution.

In order to obtain optimum results, it is recommended that each individual user determine their optimum working dilutions by titration assay.

Storage

For continuous use, store at 2-8°C. For extended storage, solution may be frozen in working aliquots. Repeated freezing and thawing is **not** recommended. If slight turbidity occurs upon prolonged storage, clarify by centrifugation before use.

*A material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazards and safe handling practices.