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Des Moines Laboratory

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Effective November 11, 2024

MercyOne Des Moines Laboratory will transition several infectious disease assays to the Diasorin Liaison XL utilizing chemiluminescent immunoassay technology. As a part of this transition, we are introducing a two-tier testing algorithm for Lyme disease. A Lyme Total will be performed initially, if positive or equivocal, testing will reflex to Lyme IgG and IgM. Please refer to the table below for updated sample container types and stability.

Current Menu	Updated Container	Previous Container	Updated Stability	Previous Stability
CMV IGG/CMV IgG Ab	SST (Gold)	SST/Red	Refrig: 2-8 C° up to 48 hours Frozen: -20 C° samples should not be repeatedly frozen and thawed.	Refrig: 2-8 C° up to 7 days
CMV IGM/CMV IgM Ab	SST (Gold)	SST/Red	Refrig: 2-8 C° up to 48 hours Frozen: -20 C° samples should not be repeatedly frozen and thawed.	Refrig: 2-8 C° up to 7 days
EBV Early Antigen Antibody (EBV EA IgG Ab/EBV EA IgG Interp) EBV Early IgG Ab (EBV EA IgG Ab/EBV EA IgG Interp)	SST (Gold)	SST/Red	Refrig: 2-8 C° up to 48 hours Frozen: -20 C° samples should not be repeatedly frozen and thawed.	Refrig: 2-8 C° up to 7 days
EBV Panel/EBV Prof/EBV Profile	SST (Gold)	SST/Red	Refrig: 2-8 C° up to 48 hours Frozen: -20 C° samples should not be repeatedly frozen and thawed.	Refrig: 2-8 C° up to 7 days
EBV Panel/EBV Prof/EBV Profile	SST (Gold)	SST/Red	Refrig: 2-8 C° up to 48 hours Frozen: -20 C° samples should not be repeatedly frozen and thawed.	Refrig: 2-8 C° up to 7 days
EBV IgG	SST (Gold)	SST/Red	Refrig: 2-8 C° up to 2 days Frozen: -20 C°	Refrig: 2-8 C° up to 7 days

Current Menu	Updated Container	Previous Container	Updated Stability	Previous Stability
Lyme G	SST (Gold) (EDTA/Li Hep also acceptable)	Serum, lithium heparin or sodium heparin	Room temp: up to 3 days Refrig: 2-8 C° up to 14 days Frozen: -20 C°	Refrig: 2-8 C° up to 6 days Frozen: -20 C°
Lyme M	SST (Gold) (EDTA/Li Hep also acceptable)	Serum, lithium heparin or sodium heparin	Room temp: up to 3 days Refrig: 2-8 C° up to 14 days Frozen: -20 C° up to 5 freeze-thaw cycles	Refrig: 2-8 C° up to 6 days Frozen: -20 C° up to 6 months only 2 freeze/thaw cycles
Lyme Total	SST (Gold) (EDTA/Li Hep also acceptable)	Serum, lithium heparin or sodium heparin	Room temp: up to 8 hours Refrig: 2-8 C° up to 7 days Frozen: -20 C° up to 3 months; up to 5 freeze-thaw cycles	Refrig: 2-8 C° up to 6 days Frozen: -20 C° up to 6 months only 2 freeze/thaw cycles
Measles IgG	SST (Gold)	SST/Red/ Lavender	Refrig: 2-8 C° up to 9 days Frozen: -20 C° or below	Refrig: 2-8 C° up to 7 days
Mumps IgG	SST (Gold)	SST/Red/ Lavender	Refrig: 2-8 C° up to 9 days Frozen: -20 C° or below	Refrig: 2-8 C° up to 7 days
Toxoplasmosis IgG	SST (Gold)	SST/Red/ Lavender	Refrig: 2-8 C° up to 7 days; Frozen: -20 C°	Refrig: 7days Frozen: -20 C 7 days