

**TECHNICAL DATA SHEET****Catalog # MS820****Mouse Liver Mitochondrial IP Control**

Rev.2

LOT #:

**COMPONENTS:** 2 mg mouse live mitochondria**APPLICATIONS:** Immunocapture, however could also be used for electrophoresis and Western blotting.**CONCENTRATION:** 2 mg of purified mouse liver mitochondrial membranes resuspended in 400  $\mu$ L of heart mitochondria resuspension buffer (10 mM TrisHCl, pH 7.8, 0.25 M sucrose, 0.2 mM EDTA).**SUGGESTED WORKING CONCENTRATION:** 1 mg solubilized mitochondria for Immunocapture experiments. For the Immunocapture of OXPHOS complexes it is recommended that 180  $\mu$ L of the mitochondrial membranes supplied be solubilized by the addition of 20  $\mu$ L of 10% lauryl maltoside. Insoluble material is removed by centrifugation at 72,000g before immunocapture of complexes from the supernatant. For more detail see MitoSciences suggested protocols.**STORAGE CONDITIONS:** Shipped on dry ice. Store at -20°C after receipt or -80 °C for long term.**COUNTRY OF ORIGIN:** USA

**Note: This product is for research purposes only. It is not to be used in humans or for diagnostic purposes.**

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