

TECHNICAL DATA SHEET**Catalog # MSFX-17****Mitofilin FlexPlex™ Module**

Rev.0

LOT #:

APPLICATIONS: Analysis of mitofilin quantity

SPECIES CROSS-
REACTIVITY: Human

KIT COMPONENTS:

Part Number	Item	MSFX-17
8209852	10X Detector Antibody	0.2 mL
8209853	10X HRP Label	0.2 mL
8209854	Microplate strips (4-pack)	1

STORAGE
CONDITIONS: Store all tubes and the microplate strips at 4°C. The kit is stable for 6 months.

COUNTRY OF ORIGIN: USA

OVERVIEW:

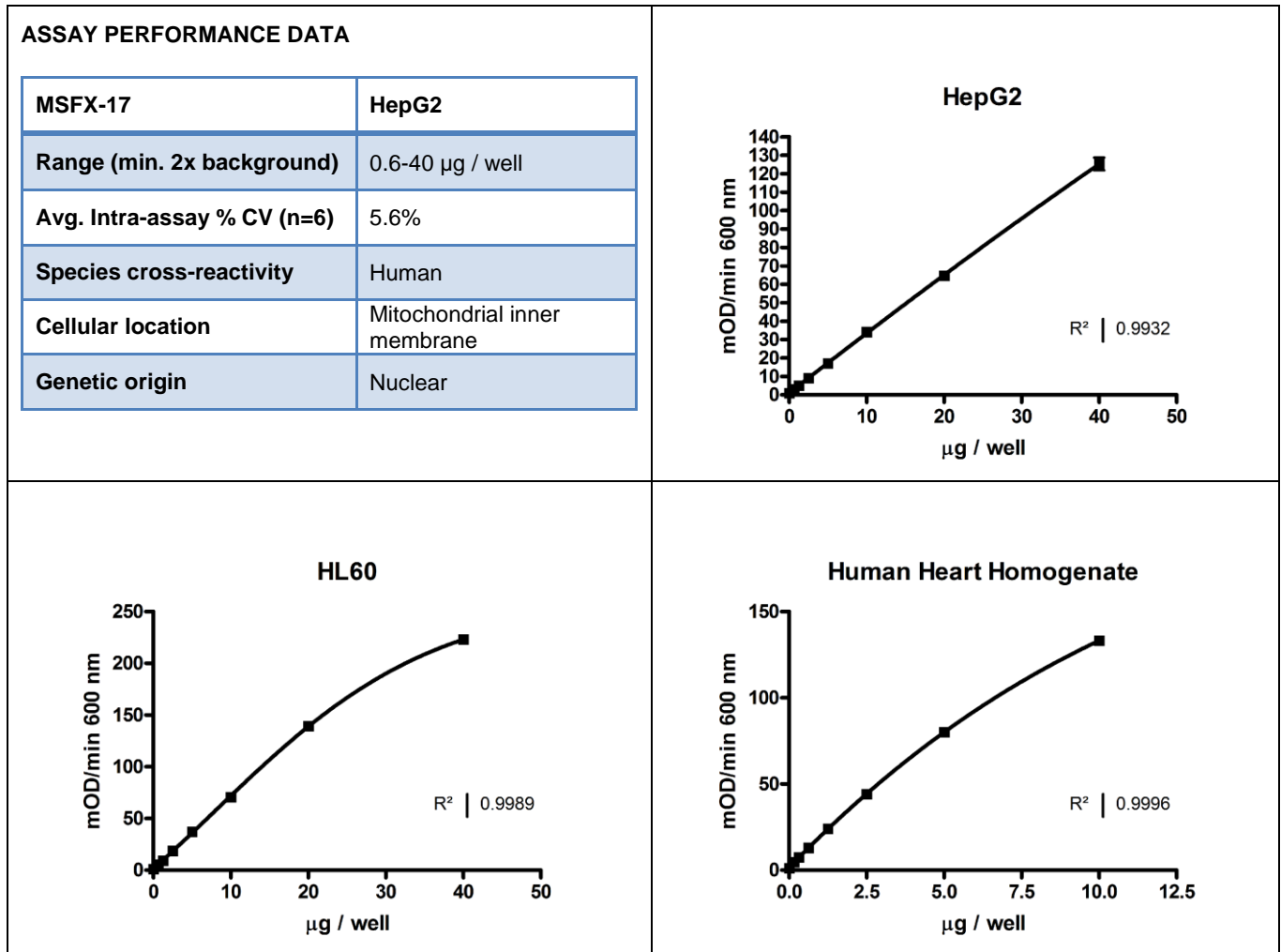
The mitofilin FlexPlex™ Module (Catalog #MSFX-17) is used to determine the quantity of mitofilin (Q16891) in a human sample. Mitofilin is immunocaptured with a monoclonal antibody within the wells and the quantity of protein is measured by adding a second mitofilin-specific monoclonal antibody that is then labeled with horseradish peroxidase. This peroxidase changes the substrate from colorless to blue and the rate of color development is proportional to the amount of protein captured in the well, which can be monitored at 600 nm. Alternatively, the assay can be terminated, at a user-defined time, by the addition of 1N HCl (not supplied) and the assay performed as an end point measurement at 450 nm.

NOTE: The FlexPlex™ Starter Kit (MSFX-ST) is required for this assay.**Note: This product is for research purposes only. It is not to be used in humans or for diagnostic purposes.**

WARRANTY – MitoSciences Inc warrants that products will perform as indicated in the published Technical Data Sheet for 1 month from date of purchase when stored according to specifications and when used consistent with recommended protocols. If you experience results which materially differ from those described, send evidence of the non-performing product for replacement of the original product purchased or a credit toward any other of the company's products or services.

SPECIFICITY/SENSITIVITY:

The specificity of the mitofilin FlexPlex™ Module (Catalog #MSFX-17) has been demonstrated by MALDI and LCMS mass spectrometry in combination with electrophoresis.



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