

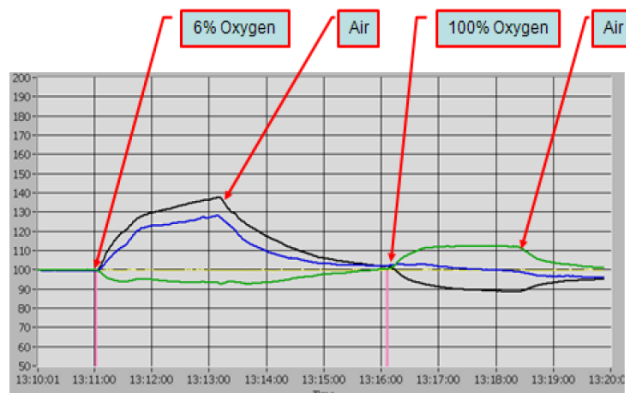
MitoViewer MV-2

Real-time assessment of mitochondrial function by NADH fluorescence in-vivo



NADH is a control marker in the energy generation by the respiratory chain located in the mitochondria.

NADH redox state is sensitive to the intracellular oxygen levels and to energy consumption by the tissue.



MitoViewer Applications:

- Ischemia, Hypoxia, Anoxia, Heperoxia or hypercapnia in various organs.
- Activation of the brain by Cortical Spreading depression or Seizures.
- Changing of heart metabolism by isotropic and chronotropic drugs.
- Drug safety and efficacy monitored In Vivo in various organs.

MitoViewer Main Features:

- Could be used in various experimental animal models and various organs under In Vivo and In Vitro conditions.
- Calculates corrected NADH (independent of hemodynamic changes in the tissue).
- Measurement via flexible fiberoptic probe.
- Custom types of probes can be supplied to best fit specific experimental setup.
- Possible integration of the MitoViewer probe with other probes (for example Laser Doppler Flowmeter probe).

For additional information contact:

Prof. Avraham Mayevsky
E-mail: mayevskya@gmail.com
www.mitochondrial-medicine.com

Prizmatix Ltd.

POB 4234, Modiin-Ilite 71919, Israel
sales@prizmatix.com
www.prizmatix.com

Distributor :