



## Unassayed MPO Quality Control Material

MPO QC-L (MPO QC Low) MPO QC-H (MPO QC High)

### INTENDED USE:

MPO QC Quality Control Material from Sun Diagnostics is intended for *in vitro* diagnostic use as unassayed quality control material for myeloperoxidase (MPO).

### SUMMARY:

The routine use of quality control materials is a well-established way for clinical laboratories to monitor the performance (accuracy and precision) of their analytical systems. MPO QC is provided at two levels to assist in the monitoring of these systems.

### REAGENTS:

MPO QC is human-serum based and contains purified myeloperoxidase from human neutrophils, as well as preservatives and stabilizers to maintain product integrity.

### PRECAUTIONS AND WARNINGS

#### WARNING: Potentially Bio-hazardous

Human source material is considered potentially bio-hazardous. This material was tested for communicable diseases (HIV, Hepatitis B and Hepatitis C) with kits approved by the FDA (where available) and found to be negative (non-reactive). Because no test method can offer complete assurance that infectious agents are absent, these specimens should be handled and treated as potentially infectious.

Dispose of all waste material in accordance with requirements of your local waste management authorities.

#### STORAGE AND STABILITY;

MPO QC is stable until the expiration date on the vial when stored at -10°C to -20°C. Once thawed, the material is stable for up to 72 hours when stored at 2-8°C.

#### PREPARATION AND PROCEDURE:

Prior to use, remove the MPO QC material from storage and bring to room temperature (18°C – 25°C). Gently mix the contents of the vial.

MPO QC Materials should be treated in the same manner as patient samples and run according to the instructions for the assay and test system(s).

### LIMITATIONS

- MPO QC is NOT intended for use as an assayed quality control material, a calibrator or standard.
- If there is evidence of microbial contamination discard the vial.
- As part of good laboratory practice, each laboratory should establish its own acceptable range for quality control materials for its test methods.
- Variations, which can occur over time and between laboratories, may be due to differences in analytical systems, laboratory technique, reagent lot, and other systematic errors, including random error.

For customer or technical support:  
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Symbols Used:			
	Lot Number		Consult Package Insert
	Expiration		Manufacturer
	Storage Temp		Reorder Number
	For <i>in vitro</i> diagnostic use only		Biohazard