

Technical Bulletin

human Myeloperoxidase EIA Kit, Catalog Number 900-115

In an effort to continually improve our assays we have further optimized the human Myeloperoxidase EIA kit. The result is improved sensitivity and a second assay buffer to be used specifically with plasma samples.

The specifications for the kit have changed slightly and are outlined below:

Parameter	Old format (900-115)	New format (900-115)
Standard range	0.39 – 12.5 ng/mL	0.195 – 12.5 ng/mL
Sensitivity	0.13 ng/mL	0.03 ng/mL in Assay Buffer 13 0.02 ng/mL in Assay Buffer 31
Time to answer	3 hours	3 hours
Incubation conditions	Room temperature	Room temperature
Storage	4°C	4°C
Standard/Sample diluent	Assay Buffer 13 (for use with all recommended sample matrices)	Assay Buffer 13 (for use with sputum supernatants, nasal lavage supernatants, and urine) Assay Buffer 31, concentrate (for use with lithium heparin plasma)
Sample Types	Tissue culture media (neat) Sputum supernatant (≥1:16) Nasal lavage supernatant (≥1:2) Heparin plasma (1:16) Urine (≥1:8) Serum (DO NOT USE) EDTA plasma (DO NOT USE)	Tissue culture media (neat) Sputum supernatant (≥1:16) Nasal lavage supernatant (≥1:2) Lithium heparin plasma (1:24) Urine (≥1:8) Serum (DO NOT USE) EDTA plasma (DO NOT USE)

Please feel free to contact our Technical Service department if you have questions or feedback regarding the format change at technical@assaydesigns.com.