ELITechGroup
EMPOWERING IVD
ELITech Clinical Systems SAS

# MAGNESIUM XB

REF : MGXB-XXXX

Instruction for use :
Consult Instruction for Use

**APPLICATION - ENVOY500 / ENVOY500$^{+}$ - PROPOSAL**

This application is intended to serve as a guide for using the referenced ELITechGroup Reagent on this instrument system only. It is recommended that the user validate this application prior to routine use.

## PRIMARY PARAMETERS

| | |
|---|---|
| Code | MAG |
| Bar-Code | Inactive |
| Code for Bar-Code | Inactive |
| Test Methodology | MAGNESIUM |
| Method | End Point |
| Kind of Process | Linear |
| 1st Filter | 510 |
| 2nd Filter | 630 |
| Reaction Direction | Increasing |

## REAGENTS

| | |
|---|---|
| Number of reagents | 1 |
| Reagent 1 Volume µL | 300 |
| Concentrated | Inactive |
| Reagent 2 Volume µL | N/A |
| Concentrated | Inactive |

## SAMPLE

| | Serum | Urine |
|---|---|---|
| Name | Magnesium | |
| Sample µL | 3 | N/A |
| Pre-Dilution 1: | 1 | N/A |
| Dilution 1: | 1 | N/A |

## TIMES

| | |
|---|---|
| Sample Starter | Inactive |
| Delay Time (sec) | 0 |
| Reading Time (sec) | 10 |
| Reagent 1 Incubation Time | 270 |
| Reagent 2 Incubation Time | N/A |

## CHECK PARAMETERS

| | |
|---|---|
| Reagent limit (mABS) | 1500 |
| Curve Acceptance (%) | 100 |

## RE-RUN SERUM

| | |
|---|---|
| Test Limit (Conc) | 5 |
| Low Test Limit (Conc) | 0.15 |
| Initial ABS (mABS) | N/A |
| Final ABS (mABS) | N/A |
| Max ABS Delta (mABS) | 9999 |
| Prozone Check | Inactive |

| Normal Range | Min | Max |
|---|---|---|
| Man | xxx | xxx |
| Woman | xxx | xxx |
| Child | xxx | xxx |

| | |
|---|---|
| Re-run hyperactive | Inactive |
| Re-run pathological | Inactive |

## RE-RUN URINE

| | |
|---|---|
| Test Limit (Conc) | N/A |
| Low Test Limit (Conc) | N/A |
| Initial ABS (mABS) | N/A |
| Final ABS (mABS) | N/A |
| Max ABS Delta (mABS) | N/A |
| Prozone Check | Inactive |

| Normal Range | Min | Max |
|---|---|---|
| Man | N/A | N/A |
| Woman | N/A | N/A |
| Child | N/A | N/A |

| | |
|---|---|
| Re-run hyperactive | N/A |
| Re-run pathological | N/A |

## SECONDARY PARAMETERS

| | |
|---|---|
| 1st Unit Serum | mg/dL |
| 2nd Unit Serum | Inactive |
| 1st Unit Urine | N/A |
| 2nd Unit Urine | Inactive |
| Dynamic Blank | Inactive |
| Needle washes | 3 |
| Cuvette washes | 3 |
| Additional wash | only needle/only one wash / basic |
| Instrumental Factor | 1.000 |
| Shift | 0.000 |
| Reagent Blank | xxx |
| Decimals | 2 |

## STANDARD PARAMETERS

| | |
|---|---|
| Factor | [Determinated by Calibration] |
| Minimum | xxx |
| Maximum | xxx |
| Number of Samples | 1 |
| Max Var.(%) | 12 |
| Timed Re-run | xxx/xxx |
| N.replicates | 3 |
| Reagent ABS | [Determined by Envoy] |
| Pos. | xxx |
| Conc. | xxx |
| ABS | [Determined by Envoy] |
| % last calibration | 100 |

xxx Value input by operator.