

Iron FS Ferene

Application for serum and plasma samples

This application was set up and evaluated by DiaSys. It is based on the standard equipment at that time and does not apply to any equipment modifications undertaken by unqualified personnel

| Identification | |
|-------------------------------------|-----|
| This method is usable for analysis: | Yes |
| Twin reaction: | No |
| Name: | FE |
| Shortcut: | |
| Reagent barcode reference: | 042 |
| Host reference: | |

| Technic | |
|---------------------------------------|------------|
| Type: | End point |
| First reagent:[μ L] | 180 |
| Blanc correction | Yes |
| Second reagent:[μ L] | 45 |
| Blanc correction | Yes |
| Main wavelength:[nm] | 600 |
| Secondary wavelength:[nm] | 700 |
| Polychromatic factor: | 1.000 |
| 1 st reading time [min:sec] | (04:24) |
| Last reading time [min:sec] | 10:00 |
| Reaction way: | Increasing |
| Linear Kinetics | |
| Substrate depletion: Absorbance limit | |
| Linearity: Maximum deviation [%] | |
| Fixed Time Kinetics | |
| Substrate depletion: Absorbance limit | |
| Endpoint | |
| Stability: Largest remaining slope | |
| Prozone Limit [%] | |

| Sample | |
|--------------------------------------|------------------|
| Diluent | DIL A (NaCl) |
| Hemolysis: | |
| Agent [μ L] | 0 (no hemolysis) |
| Sample [μ L] | 0 |
| Concentration technical limits-Lower | 4 |
| Concentration technical limits-Upper | 1000 |
| SERUM | |
| Normal volume [μ L] | 11 |
| Normal dilution (factor) | 1 |
| Below normal volume [μ L] | 15 |
| Below normal dilution (factor) | 1 |
| Above normal volume [μ L] | 2 |
| Above normal dilution (factor) | 1 |
| URIN | |
| Normal volume [μ L] | 11 |
| Normal dilution (factor) | 1 |
| Below normal volume [μ L] | 15 |
| Below normal dilution (factor) | 1 |
| Above normal volume [μ L] | 2 |
| Above normal dilution (factor) | 1 |
| PLASMA | |
| Normal volume [μ L] | 11 |
| Normal dilution (factor) | 1 |
| Below normal volume [μ L] | 15 |
| Below normal dilution (factor) | 1 |
| Above normal volume [μ L] | 2 |
| Above normal dilution (factor) | 1 |
| CSF | |
| Normal volume [μ L] | 11 |
| Normal dilution (factor) | 1 |
| Below normal volume [μ L] | 15 |
| Below normal dilution (factor) | 1 |
| Above normal volume [μ L] | 2 |
| Above normal dilution (factor) | 1 |

| Results | |
|---------------------------|------------|
| Decimals | 2 |
| Units | μ g/dL |
| Correlation factor-Offset | 0.000 |
| Correlation factor-Slope | 1.000 |

| Range | |
|--------|------------|
| Gender | Male |
| Age | 40 a |
| SERUM | >=35 <=168 |
| URINE | |
| PLASMA | >=35 <=168 |
| CSF | |
| Gender | Female |
| Age | 40 a |
| SERUM | >=23 <=134 |
| URINE | |
| PLASMA | >=23 <=134 |
| CSF | |

| Contaminants | |
|-------------------|---|
| Contaminant 1 | Please refer to r910 Carryover Pair Table |
| Wash with | |
| Cycle | |
| Volume [μ L] | |
| Contaminant 2 | |
| Wash with | |
| Cycle | |
| Volume [μ L] | |
| Contaminant 3 | |
| Wash with | |
| Cycle | |
| Volume [μ L] | |
| Contaminant 4 | |
| Wash with | |
| Cycle | |
| Volume [μ L] | |

| Calibrators details | |
|---------------------|-----------------------|
| Calibrator list | Concentration |
| Cal. 1/Blank | 0 |
| Cal. 2 | * |
| Cal. 3 | |
| Cal. 4 | |
| Cal. 5 | |
| Cal. 6 | |
| | Max delta abs. |
| Cal. 1 | 0.002 |
| Cal. 2 | 0.005 |
| Cal. 3 | |
| Cal. 4 | |
| Cal. 5 | |
| Cal. 6 | |
| Drift limit [%] | 0.8 |
| Calculations | |
| Model | X |
| Degree | 1 |

* Enter calibrator value