

COMPLEMENT COMPONENT C4

Turbidimetry

The application parameters comprised here constitute a guide to facilitate the validation of our reagents by the instrument. It is advisable to validate the use when there is any change in software or reagent versions.

Instrument: ARCHITECT C8000

Reagent preparation

Reagent is ready to use.

Instrument settings

| General | | | | Conventional Units | | |
|--------------------------------------|---------------|------------------|--------------------------------|--------------------------------|---------------|-------------|
| Assay Number | C4 ... | Type Version | Photometric 1 | Results Unit | mg/dL | |
| Reaction Definition | | | | Assay Defaults | Low Linearity | 1.0 |
| Reaction Mode | End Up | | Read Times | High Linearity | 90 | |
| Wavelength | 340 / 700 | Main | 31 -- 33 | Gender and Age specific Ranges | | |
| Last Required Read | 33 | Flex | — -- — | GENDER | AGE (Y) | NORMAL |
| Absorbance Range | ... / ... | Color Correction | — -- — | Male | 0-130 | 10 - 40 |
| Sample Blank Type | None | | | Female | 0-130 | 10 - 40 |
| Reagent / Sample | | | | Either | 0-130 | 10 - 40 |
| Reagent | C4 | Reagent Volume | R1 R2 300 | Results Units | mg/dL | |
| Diluent | Saline | Water Volume | — — | Decimal Places | 1 | (Range 0-4) |
| Diluent Disp. Mode | Type 0 | Dispense Mode | Type 0 Type 0 | Correlation Factor | 1.0000 | |
| Diluent Name | Sample | Water | Dilution Factor | Intercept | 0.0000 | |
| Standard | 7 | | 1:1.00 | | | |
| Validity Checks | | | | | | |
| Reaction definition | None | | | | | |
| Rate Linearity % | — | | | | | |
| Calibration | | | | | | |
| Method | Logit - 4 | | | | | |
| Calibrators and Volumes | | | | | | |
| Calibrator Set | Standard | Calibrator Level | Concentration | Volume | | |
| | | Blank | 0.0 | 7 | | |
| | | Std. 1 | (*) | 7 | | |
| | | Std. 2 | (*) | 7 | | |
| | | Std. 3 | (*) | 7 | | |
| | | Std. 4 | (*) | 7 | | |
| | | Std. 5 | (*) | 7 | | |
| Replicates | 3 | (Range 1-3) | | | | |
| Intervals | | | | Validity Checks | | |
| Calibration Interval | Full Interval | 999 hours | Blank Absorbance range: | 0.0000 -- 0.0000 | | |
| Calibration Type | Adjust Type | None | Span Absorbance Range: | 0.0000 -- 0.0000 | | |
| | | | Expected cal Factor : | 0.00 | | |
| | | | Expected Cal factor tolerance: | % 0 | | |
| (*) Enter the standard value | | | | | | |
| ... Values to be entered by the user | | | | | | |