

HEMOGLOBIN

Spectrophotometric
ICSH

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: COBAS MIRA / MIRA Plus

Reagent preparation

Working Reagent: Dilute the contents of a Concentrated Reagent bottle up to 1000 mL with distilled water. Mix thoroughly. Store the diluted reagent in a brown glass bottle. Stable for 6 months at 15-30°C. Do not freeze it.

Instrument settings

GENERAL			CALCULATION		
MEASUREMENT MODE	ABSORB		SAMPLE LIMIT	NO	SPACE
REACTION MODE	R- S	1	REACTION DIRECTION	INCREASE	1
CALIBRATION MODE	CALIBRATOR	2	CHECK	OFF	2
REAGENT BLANK	REAG/DIL	2	CONVERSION FACTOR		1
CLEANER	NO	1	OFFSET		0
WAVELENGTH	550 nm	4	TEST RANGE LOW		0
DECIMAL POSITION		2 (g/dL)	HIGH		20 g/dL
UNIT		11 (g/dL)	NORM RANGE LOW		12 g/dL
			HIGH		18 g/dL
ANALYSIS			NUMBER OF STEPS		1
POST DIL. FACTOR	NO		CALCULATION STEP A	ENDPOINT	1
CONC. FACTOR	NO	SPACE	READING FIRST		1
SAMPLE CYCLE		2	LAST		6
VOLUME		2 µL			
DILUTION NAME	H2O	0	CALIBRATION		
VOLUME		20 µL	CALIB. INTERVAL	ON REQUEST	3
REAGENT CYCLE		1	TIME	NO	SPACE
VOLUME		500 µL	BLANK RANGE LOW	-0.020 ΔA	
			HIGH	0.020 ΔA	
STANDARD POS.		(*)	REAGENT RANGE LOW	NO	SPACE
STD-1		(**)	HIGH	NO	SPACE
(*) Enter the position of the CAL rack					
(**) Enter the value of the calibrator					