

## 3diag - RBP - TIA

### ANNEX to IFU: *Optilite*<sup>®</sup> - AOR Test Parameters - Proposal of Application (SERUM)

#### **REF** TD-42671 - Retinol Binding Protein - For Turbidimetry

*Optilite*<sup>®</sup> is a registered trademark of *The Binding Site Group Ltd.*, Birmingham, U.K.

#### INFO

<i>Name</i>	User Defined		
<i>Tag</i>	Read-only field		
<i>Version number</i>	Updated when new settings are saved		
<i>Full name</i>	User Defined		
<i>Online name</i>	User Defined		
<i>Type</i>	<b>Photometric</b>	<i>Number of decimals</i>	<b>2</b> (minimum recommended 1)
<i>In use</i>	<b>Yes</b>	<i>Correction factor</i>	<b>1.000</b>
<i>Acceptance</i>	<b>Manual</b>	<i>Correction bias</i>	<b>0.000</b>
<i>Result Unit</i>	<b>mg/dl</b>		
<i>Sample Type</i>	<b>Serum</b>		
<i>Test version ID</i>	Read-only field		
<i>Last time changed</i>	Date and time of last changes		
<i>User name</i>	User ID, who modified the definition		

#### FLOW

<i>Blank type</i>	<b>Yes</b>	<i>Primary dilution 1+</i>	<b>29</b> (Read-only field)
		<i>Dispensed volume</i>	Read-only field

#### 1st Step - Reagent

<i>Reagent</i>	Select Reagent from the drop down menu - Reaction Buffer - Use <b>REF</b> TD-42671-BF - <b>BUF</b> <b>RBP</b>		
<i>Volume (µl)</i>	<b>120</b>		
<i>Dispense with</i>	<b>Extra</b>		
<i>Extra volume (µl)</i>	<b>10</b>		
<i>Syringe speed</i>	<b>Medium</b>		
<i>Replacing Reagent</i>	<b>None</b>		

#### 2nd Step - Sample

<i>Volume (µl)</i>	<b>10</b>
<i>Dispense with</i>	<b>Extra</b>
<i>Extra volume (µl)</i>	<b>10</b>
<i>Extra wash</i>	<b>No</b>

#### 3rd Step - Incubation

<i>Time (sec)</i>	<b>180</b>	<i>Actual time (sec)</i>	Read-only field
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#### 4th Step - Reagent

Reagent	Select Reagent from the drop down menu - Antiserum Reagent - Use <span style="border: 1px solid black; padding: 0 2px;">REF</span> TD-42671-RA - <span style="border: 1px solid black; padding: 0 2px;">REAG</span> <span style="border: 1px solid black; padding: 0 2px;">Ab</span> <span style="border: 1px solid black; padding: 0 2px;">RBP</span>		
Volume (µl)	<b>20</b>		
Dispense with	<b>Extra</b>		
Extra volume (µl)	<b>10</b>		
Syringe speed	<b>Slow</b>		
Replacing Reagent	<b>None</b>		

#### 5th Step - End-point (Blank)

Blank resp. min (A)	<b>0</b> (Not used)	Blank resp. max (A)	* (Not used)
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#### 6th Step - Incubation

Time (sec)	<b>297</b>	Actual time (sec)	Read-only field
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#### 7th Step - End-point (Measurement)

Main wavelength	<b>600</b>	Side wavelength	<b>None</b>
Residual net abs. (A)	<b>0</b> (Not used)	Delta abs. check min. (A)	* (Not used)

### DILUTION

Dilution with	<b>Diluent</b>
Primary dilution 1+	<b>29</b>

#### Neat sample

Dispense with	<b>Extra</b>
Volume (µl)	<b>10</b>

#### Diluent

Sample diluent ID	<b>Diluent 1</b>
Calibrator diluent ID	<b>Diluent 1</b>
Dispense with	<b>Extra</b>
Volume (µl)	<b>10</b>

### LIMITS ( User defined, the proposed parameters have only value as a recommendation )

	Measuring range		Next dilution ratio 1+	
	Min	Max	Low	High
Primary dilution	* (Not used)	<b>See note (*1)</b>	* (Not used)	<b>119</b>
2nd, 3rd & 4th dilution	* (Not used)	* (Not used)	* (Not used)	* (Not used)
Test limit	<b>See note (*2)</b>	<b>See note (*3)</b>		
Critical limit	* (Not used)	* (Not used)		
Init. abs.	* (Not used)	* (Not used)		
Reference ranges	<b>User Defined</b>			

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#### CALIBRATION

Calibration type	<b>Logit-Log5</b>	Abs. error (A)	* (Not used)
Repeat time (days)	<b>0</b> (Not used, see note (*4))	Rel. error (%)	* (Not used)
Points / calibrator	<b>Duplicate</b>	Factor limit min.	* (Not used)
Acceptance	<b>Manual</b>	Factor limit max.	* (Not used)
Concentration axis	<b>Linear</b>	Bias limit min.	* (Not used)
Response axis	<b>Linear</b>	Bias limit max.	* (Not used)

**Calibrators** ( User-defined Calibrators are defined in "F4 > Cal/Ctrl definition" - as Calibrator, use REF TD-42672 - **3diag - RBP - CAL** )

Nbr	Calibrator	Current Lot	Concentration	Dilution 1+
1	Select Cal.	Read-only value	Read-only value	<b>119</b>
2	Select Cal.	Read-only value	Read-only value	<b>59</b>
3	Select Cal.	Read-only value	Read-only value	<b>29</b>
4	Select Cal.	Read-only value	Read-only value	<b>14</b>
5	Select Cal.	Read-only value	Read-only value	<b>6</b>
6	Select Cal.	Read-only value	Read-only value	<b>4</b>

#### NOTES

- (\*1) Equal to highest calibration point (Nbr 6) concentration  
( If **AUTOM** flag is selected, limits are recalculated from the calibration )
- (\*2) Equal to lowest calibration point (Nbr 1) concentration
- (\*3) Equal to highest calibration point (Nbr 6) concentration, **multiplied by 4**
- (\*4) We recommend to disable the automatic control of the calibration interval, and re-calibrate when a new batch of reagents is used, or when the QC established procedures do not give the expected results. Nevertheless, if desired, the user can always define a calibration repeat time in order to be notified of a due calibration when the defined time is elapsed.

#### WARNING

Parameters valid only for Reagents, Calibrators and Controls of lots:

- **3diag - RBP - TIA**                      REF.: TD-42671                      LOT: **671-20** and subsequent
- **3diag - RBP - CAL**                      REF.: TD-42672                      LOT: **672-20** and subsequent
- **3diag - RBP - CONTROL**              REF.: TD-42663                      LOT: **663-20** and subsequent