

REF TD-42831

## 3diag - U-A1m - TIA

Alpha-1 Microglobulin - Urine - for Turbidimetry

### ANNEX to IFU: ADVIA® 1800 System - Application

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For use with software ADVIA Chemistry System V.4.00 or later version.

Grey text indicates default values.

If you are entering or reentering all the parameters for this method, set the parameters to the default values:

- At the Analytical Parameters (Chemistry) window, select Clear.
- At the Clear window, enter the Anal. Cond. No., then select OK.  
Do NOT select the All option at the Clear window, because this resets ALL methods.
- Enter only the red bold values below.

#### Analytical conditions

Analy. Cond. No.	<b>User Defined</b>		
R1 volume	<b>85</b>	R2 volume	<b>85</b>
R1 diluent vol	0,0	R2 diluent vol	0,0
Serum reac.s.vol	<b>10</b>	Serum dil.method	<b>Standard</b>
Serum dil.s.vol	30	Serum dil. Volume	120
Serum dil.posit	0		

#### Urine set - Analysis Conditions (Urine)

Urine reac.s.vol	<b>10</b>	Urine dil.method	<b>Standard</b>
Urine dil. smp. Vol	30	Urine diluent vol	120
Urine diluent.pos C	0	Reaction Time	10 min.
Reagent 1 stir	weak	Reagent 2 stir	weak

#### Sub Param. # 1

Name	<b>UA1m (User Defined)</b>	Digits	<b>1</b>
SI/Common	<b>Common</b>	Unit	<b>mg/l</b>
M-wave.L.	<b>658 nm</b>	S-wave.L.	*****
Analy.mthd	<b>EPA</b>	Calc.mthd	<b>MSTD</b>
Qualit.judge	Not do		

#### Qualit. Settings

Smp.type	Serum/Urine	Qual.judg.type	Qualitative
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#### Serum Setting

Ranges	0.0	0.0	0.0	0.0	
Characters 1	Characters 2	Characters 3	Characters 4	Characters 5	

#### Urine Setting

Ranges	0.0	0.0	0.0	0.0	
Characters 1	Characters 2	Characters 3	Characters 4	Characters 5	

#### Real-time correct. form - Serum

Serum Formula  
 Factor a = 0.0      Factor b = 0.0      Factor c = 0.0      Factor d = 0.0

#### Real-time correct. form - Urine

Urine Formula  
 Factor a = 0.0      Factor b = 0.0      Factor c = 0.0      Factor d = 0.0

#### Reanalysis conditions

Serum reac. smp. vol (u)	<b>10</b>	Serum dilut. method (u)	<b>Special</b>
Serum dil. smp. vol (u)	<b>25</b>	Serum diluent vol (u)	<b>75</b>
Serum diluent posi (u)	0	Serum reac. smp. vol (d)	3
Serum dilut. method (d)	None	Serum dil. smp. vol (d)	0,0
Serum diluent vol (d)	0,0	Serum diluent posi (d)	0

#### Urine Setting

Urine reac. smp. vol (u)	<b>10</b>	Urine dilut. method (u)	<b>Special</b>
Urine dil. smp. vol (u)	<b>25</b>	Urine diluent vol (u)	<b>75</b>
Urine diluent posi (u)	0	Urine reac. smp. vol (d)	3
Urine dilut. method (d)	None	Urine dil. smp. vol (d)	0,0
Urine diluent vol (d)	0,0	Urine diluent posi (d)	0

#### Rerun. cond

Variance	<b>A mark exist. No rerun</b>	Absorbance (U)	<b>A mark exist. No rerun</b>
Absorbance (D)	<b>A mark exist. No rerun</b>	Absorbance limit (u)	<b>A mark exist. No rerun</b>
Absorbance limit (d)	<b>A mark exist. No rerun</b>	Cell blank (N)	<b>A mark exist. No rerun</b>
Abnormal v.limit (H)	<b>A mark exist. To be rerun. (U condition)</b>		

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Abnormal v.limit (L)	<b>A mark exist. No rerun</b>	Normal val.limit (h)	A mark exist. No rerun
Normal val.limit (I)	A mark exist. No rerun	Reagent shortage (r)	<b>A mark exist. No rerun</b>
Overflow (/)	<b>A mark exist. No rerun</b>	Safety (S)	<b>A mark exist. No rerun</b>
Prozone (P)	<b>No mark. No rerun</b>	Effect.nbr.o.pnts (n)	<b>A mark exist. No rerun</b>
Calibration (C)	<b>A mark exist. No rerun</b>	Reanalysis (R)	A mark exist. No rerun
Clot error (A)	A mark exist. No rerun	Mix error (M)	A mark exist. No rerun
Liquid level sensor	A mark exist. No rerun	Crash (G)	A mark exist. No rerun
Temperature error (F)	A mark exist. No rerun	Calib. Mismatch (c)	A mark exist. No rerun

If using backup reagent conditions, select "A mark exist, to be rerun 1st condition."

#### Standards setting

FV	1		
Abnml (serum) H	<b>130 mg/L</b>	Abnml (serum) L	-999999
Abnml (urine) H	<b>130 mg/L</b>	Abnml (urine) L	-999999

#### One-Point Cal setting

FV	0.0	Max. Rep Deviat	9.99999
Min. No. of Repts	1	Max. CF	999999.99
Min. CF	-999999.99	Max. CF Deviat	999999.99

#### Multipoint Cal setting

Formula	<b>Logit Log 3</b>	Axis conv.	No convert.
Points	<b>6</b>	Curve Type	Increasing
Blank	<b>Blank is zero</b>		
FV 1 0,0	FV 2 0,0	FV 3 0,0	FV 4 0,0
Dilution Method 1	<b>Standard</b>		Dilution Method 2
Dilution Method 3	<b>Standard</b>		Dilution Method 4
Dilution Method 5	<b>Standard</b>		
Dil.smp.vol 1	30	Dil.smp.vol 2	30
Dil.smp.vol 3	30	Dil.smp.vol 4	30
Dil.smp.vol 5	30		
Diluent Volume 1	120	Diluent Volume 2	120
Diluent Volume 3	120	Diluent Volume 4	120
Diluent Volume 5	120		
Diluent position 1 C	0	Diluent position 2 C	0
Diluent position 3 C	0	Diluent position 4 C	0
Diluent position 5 C	0		

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Max Fit Deviation 1	99999,99	Max Fit Deviation 2	99999,99
Max Fit Deviation 3	99999,99	Max Fit Deviation 4	99999,99
Max Fit Deviation 5	99999,99		
Max Rep Deviation	9,9999	Min. No Rep	<b>1</b>
Min. Abs Delta Lhi-Llow	0,0	Max. RMS of Fit	99999999

### RBL setting

Max. Rep Deviat	<b>9,9999</b>	Min. No. of Reps	<b>1</b>
Max. RBL	<b>9,9999</b>	Min. RBL	<b>-9,999</b>
Max. RBL Deviat	<b>9,9999</b>		

### Normal value set

Male	0	Female	0
Infant (M) Serum h	999999	Infant (M) Serum l	-99999
Infant (M) Urine h	999999	Infant (M) Urine l	-99999
Adult (M) Serum h	999999	Adult (M) Serum l	-99999
Adult (M) Urine h	999999	Adult (M) Urine l	-99999
Infant (F) Serum h	999999	Infant (F) Serum l	-99999
Infant (F) Urine h	999999	Infant (F) Urine l	-99999
Adult (F) Serum h	999999	Adult (F) Serum l	-99999
Adult (F) Urine h	999999	Adult (F) Urine l	-99999

### Calculation method setting

M-DET.P.l	0	M-DET.P.n	<b>82</b>
M-DET.P.m	<b>81</b>	Limit value	0,003
Check D.P.l	0		
Variance	10	S-DET.P. r	<b>51</b>
S-DET.P. p	<b>50</b>		

### Prozone

Prozone form.	None	Prozone limit	9.999
Prozone judge	Upper limit	Judge limit	9.999
M-DET.P.m (prozone)	0	M-DET.P.n (prozone)	0
S-DET.P.p (prozone)	0	S-DET.P.r (prozone)	0

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**Reac. Type**

Reac. Type                      **Inc.**

**Reaction rate method**

Cycle	3	Factor	3
E2 corre	Not do	Blank (u)	9.9999
Blank (d)	-9.999	Sample (u)	9.9999
Sample (d)	-9.999		

**Endpoint method**

Re.absorb (u)	9.9999	Re.absorb (d)	-9.999
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**IMA setting**

Calib. Set Blank (u)	5	Calib. Set Blank (d)	0
Calib. Set Sample (u)	5	Calib. Set Sample (d)	0
Calib. Set Proz. value	5	D.P. set I Blank (u)	50
D.P. set I Blank (d)	50	D.P. set I Sample (u)	50
D.P. set I Sample (d)	50	D.P. set I Prozone value	50
D.P. set m Blank (u)	0	D.P. set m Blank (d)	0
D.P. set m Sample (u)	98	D.P. set m Sample (d)	98
D.P. set m Prozone value	55	Factor d Blank (u)	1.5
Factor d Blank (d)	0.2	Factor d Sample (u)	0.95
Factor d Sample (d)	0.0	Factor d Prozone value	1.1
Auto. set Blank (u)	Not do	Auto. set Blank (d)	Not do
Auto. set Sample (u)	Not do	Auto. set Sample (d)	Not do
Auto. set Prozone value	Not do		