


Количественное определение Д-димеров (DDi)

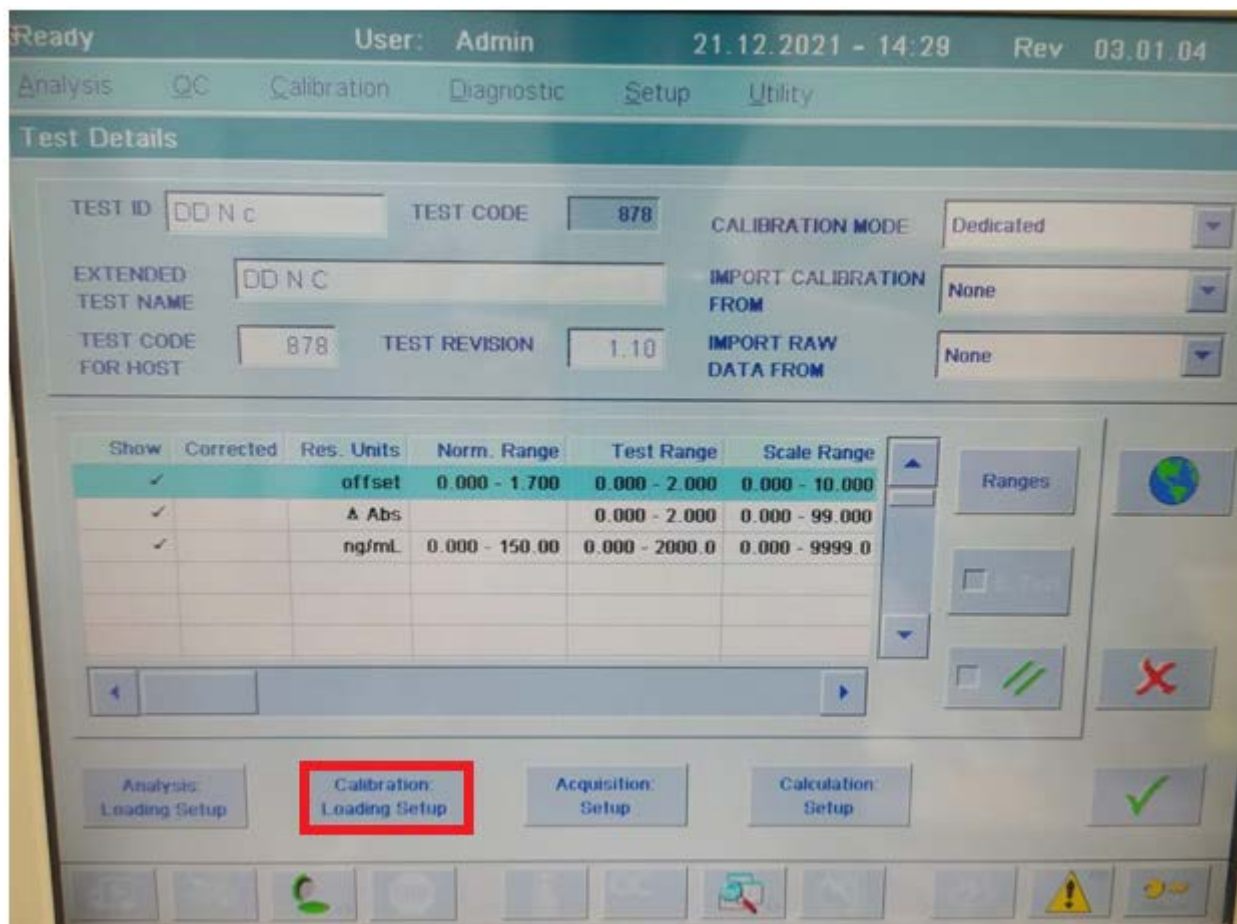
Для количественного определения Д-димеров на автоматических коагулометрах Instrumentation Laboratory используются наборы реагентов РеДимер-тест (синий), кат № Д-3/3, Д-3/4. В первую очередь, необходимо запрограммировать новый тест в соответствии со следующими рекомендациями:

Заходим в меню **Setup** → **Tests** → **View/Define**

Выбираем тест **D-dimer** и нажимаем на кнопку **Copy test**. В появившемся окне заполняем соответствующие поля (наименование теста, который должен быть скопирован, название теста, который будет создан, уникальный номер теста и т.д.) и нажимаем на зелёную галочку.

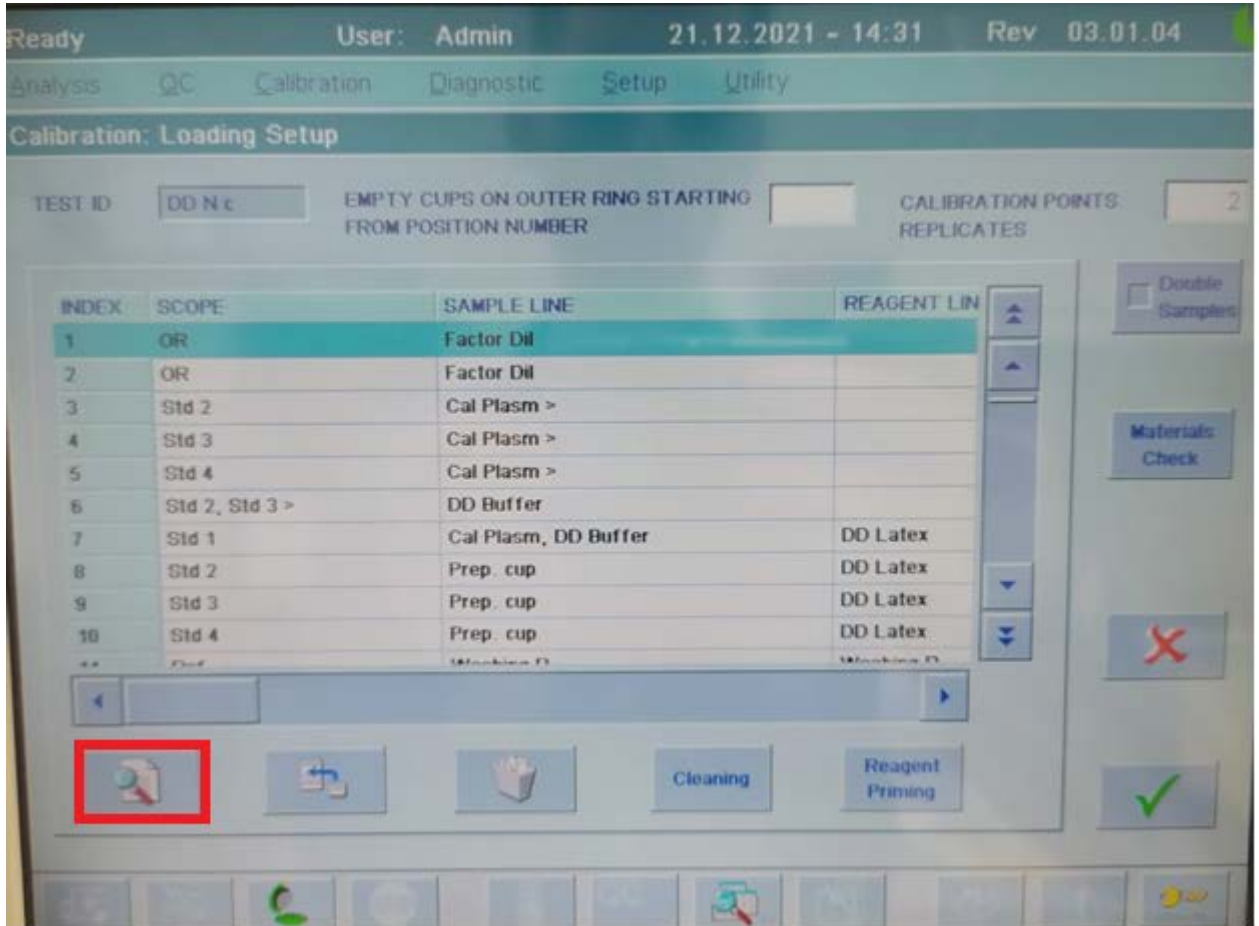
Выбираем из списка новый тест (если тест не виден в списке нажать на кнопку **Show disabled tests**, затем выбрать соответствующий тест и нажать **Enable/disable**). Затем войти в тест, выбрать меню **Calibration: Loading Setup** и запрограммировать шаги в соответствии с информацией, представленной на картинках (добавление шагов осуществляется

соответствующей кнопкой )

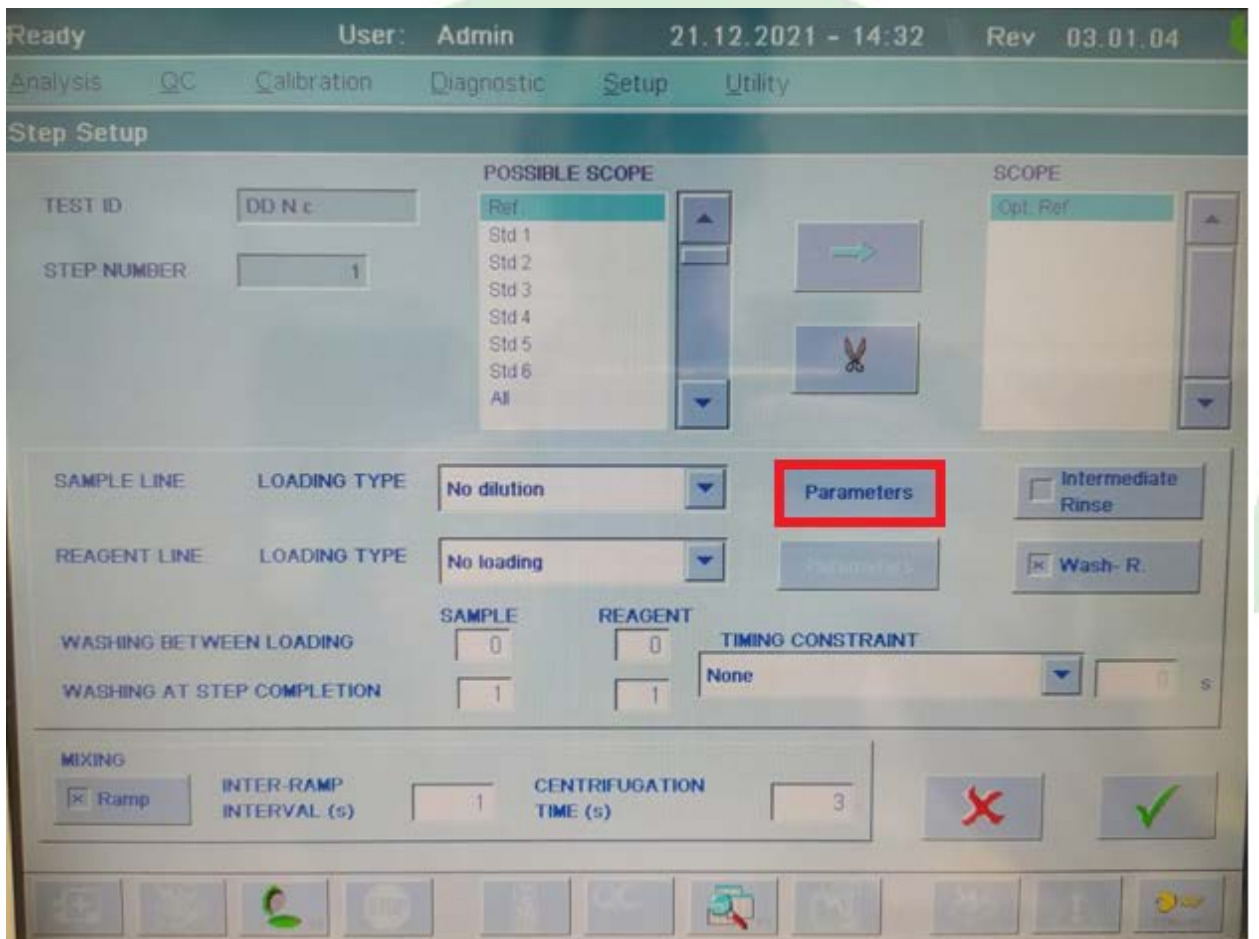


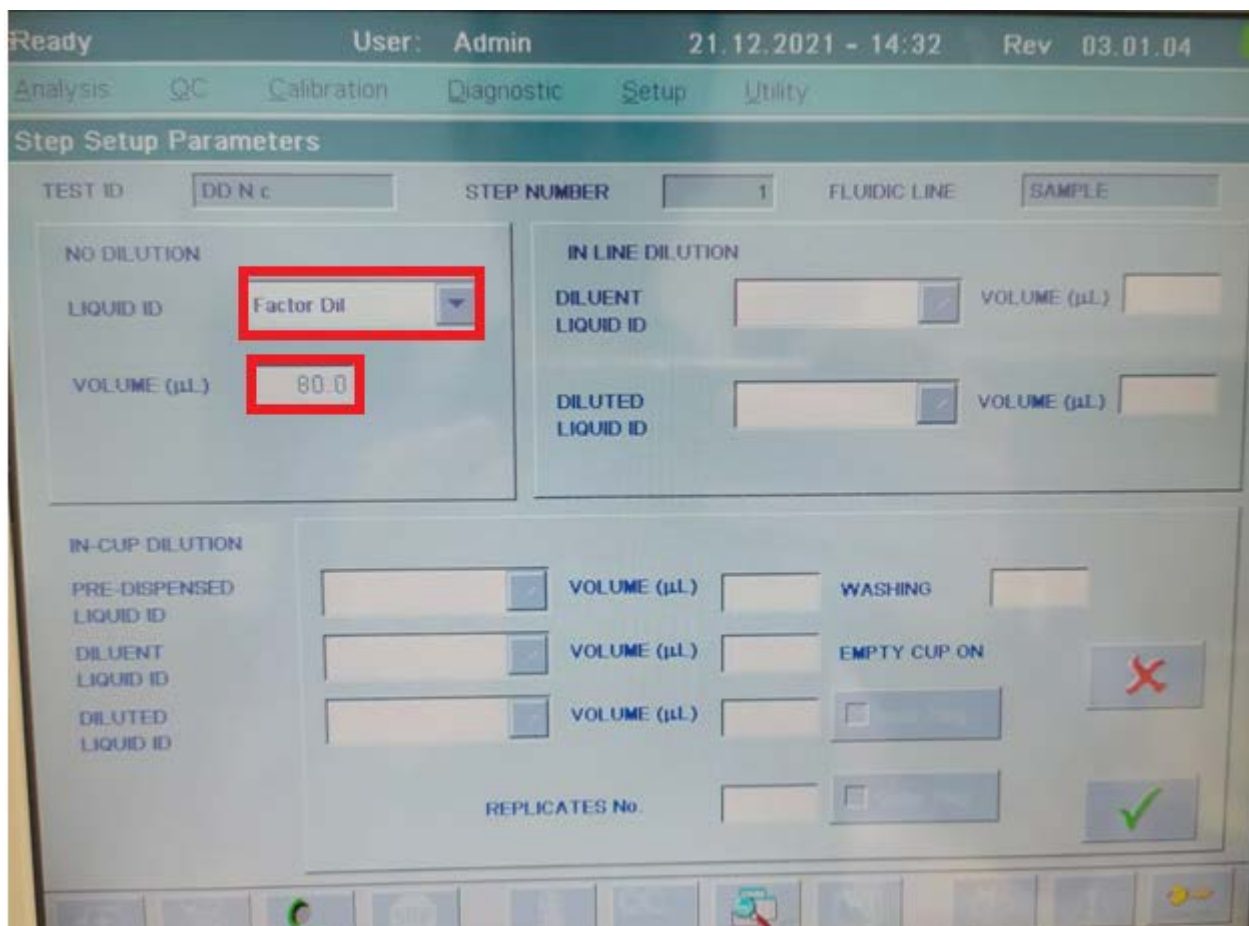
Добавьте новый шаг загрузки. Выберите "Opt. Ref."

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War 1:



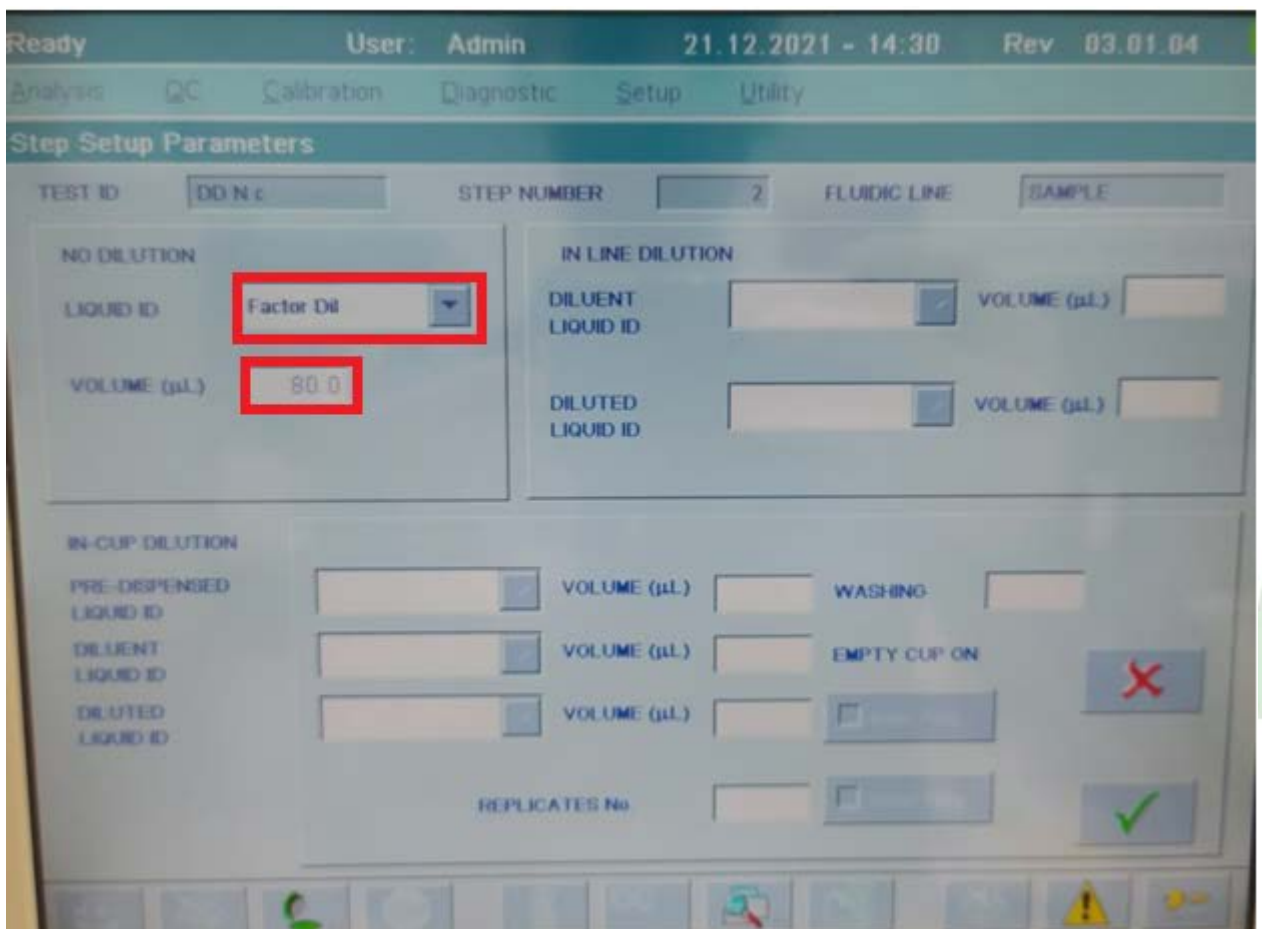
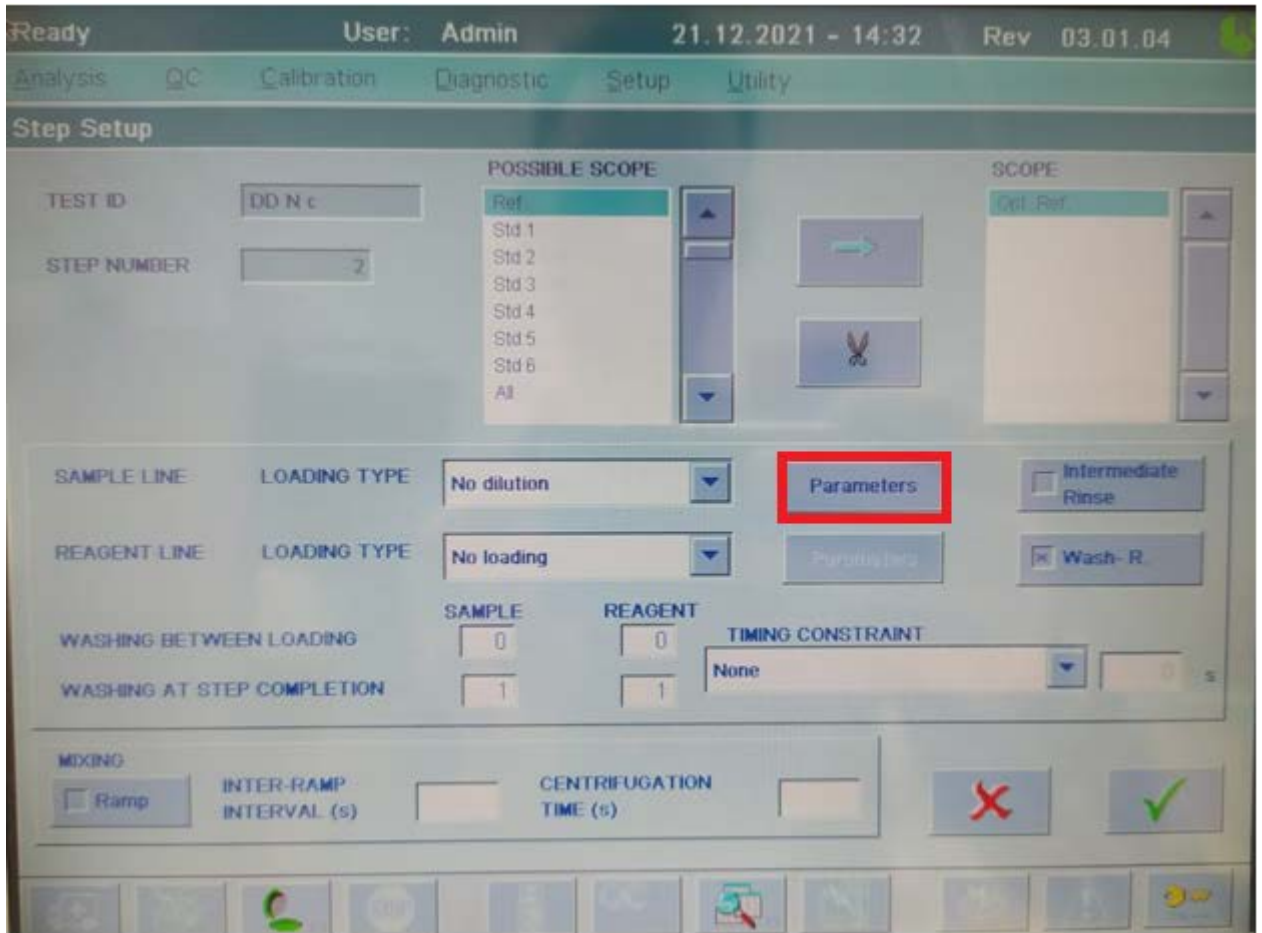


Шаг 2:

Скопируйте последний шаг загрузки, используя кнопку для копирования шага; или вручную добавьте другой шаг загрузки, используя те же настройки



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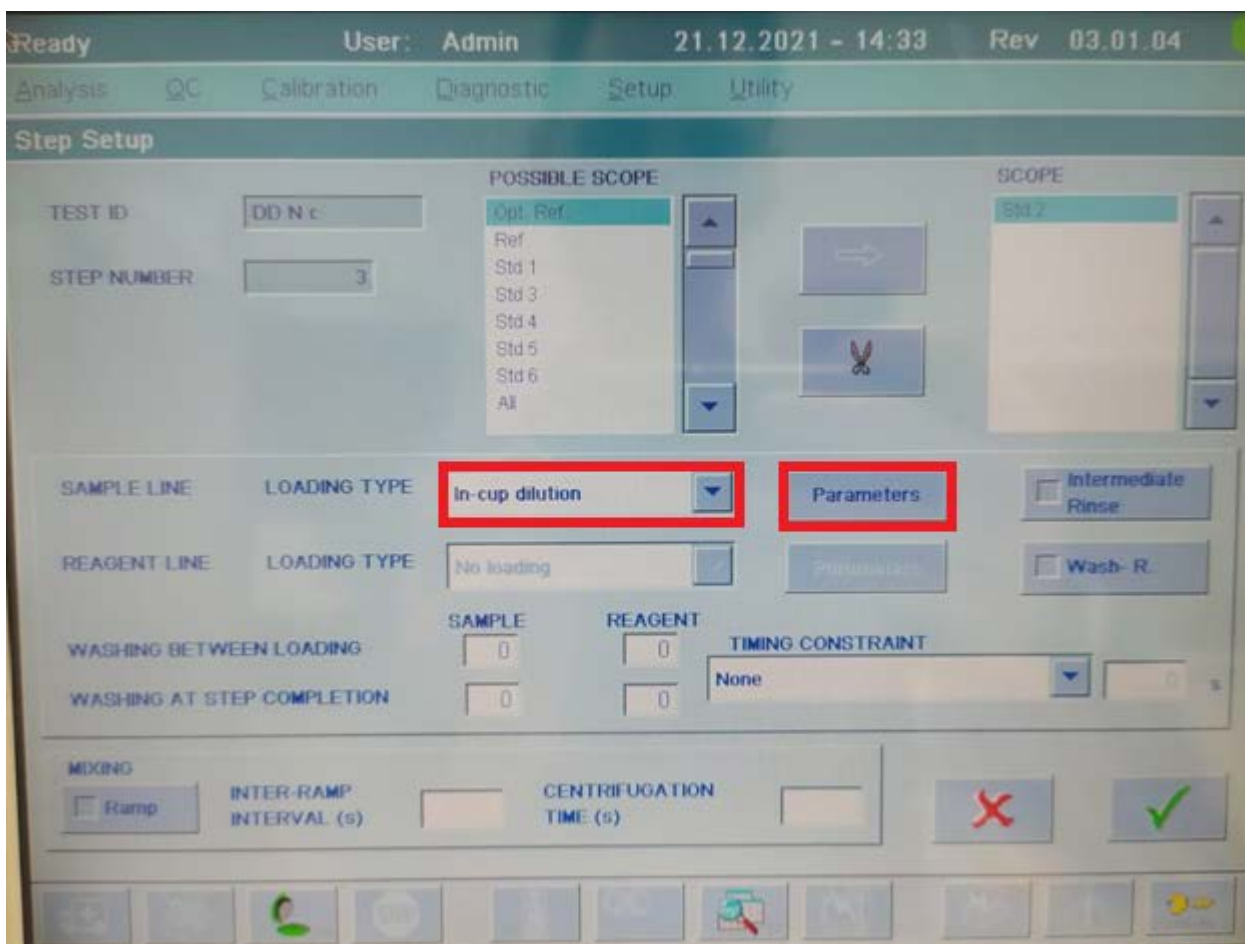


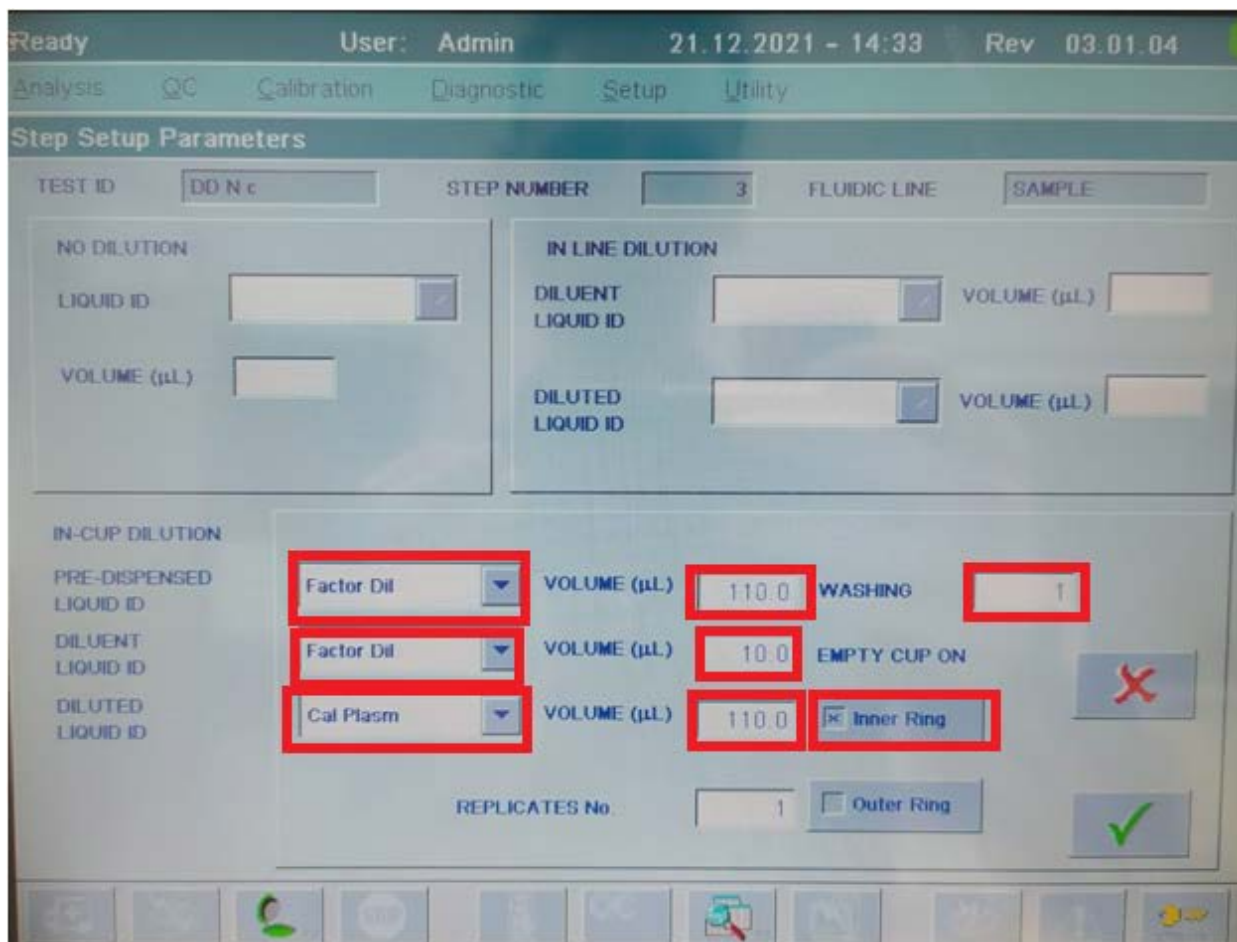
Щар 3:

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На этом этапе прибор настраивается на выполнение разведений калибратора D-димера для калибровочной кривой. Создаются три этапа загрузки, начиная со второй точки калибровки на кривой. Обратите внимание, что между каждым шагом загрузки существуют незначительные различия. Каждый шаг должен быть введен корректно.

Создайте новый шаг загрузки. Выберите "Std 2" путём переноса данного значения из левого столбца в правый нажатием на синюю стрелку.





Шаг 4:

Создайте новый шаг загрузки. Выберите "Std 3".



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Ready User: Admin 21.12.2021 - 14:33 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 4

POSSIBLE SCOPE

- Opt. Ref.
- Ref.
- Std 1
- Std 2
- Std 4
- Std 5
- Std 6
- All

SCOPE: Std 3

SAMPLE LINE LOADING TYPE: In-cup dilution Parameters

REAGENT LINE LOADING TYPE: No loading Parameters

WASHING BETWEEN LOADING: SAMPLE 1 REAGENT 1 TIMING CONSTRAINT: None 0 s

WASHING AT STEP COMPLETION: SAMPLE 3 REAGENT 3

MIXING: Ramp INTER-RAMP INTERVAL (s) CENTRIFUGATION TIME (s)

Intermediate Rinse

Wash- R.

Buttons: X, ✓

Ready User: Admin 21.12.2021 - 14:33 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 4 FLUIDIC LINE: SAMPLE

NO DILUTION

LIQUID ID: VOLUME (µL):

IN LINE DILUTION

DILUENT LIQUID ID: VOLUME (µL):

DILUTED LIQUID ID: VOLUME (µL):

IN-CUP DILUTION:

PRE-DISPENSED LIQUID ID: Factor Dil VOLUME (µL): 110.0 WASHING: 1

DILUENT LIQUID ID: Factor Dil VOLUME (µL): 70.0 EMPTY CUP ON: X

DILUTED LIQUID ID: Cal Plasm VOLUME (µL): 60.0 Inner Ring: X

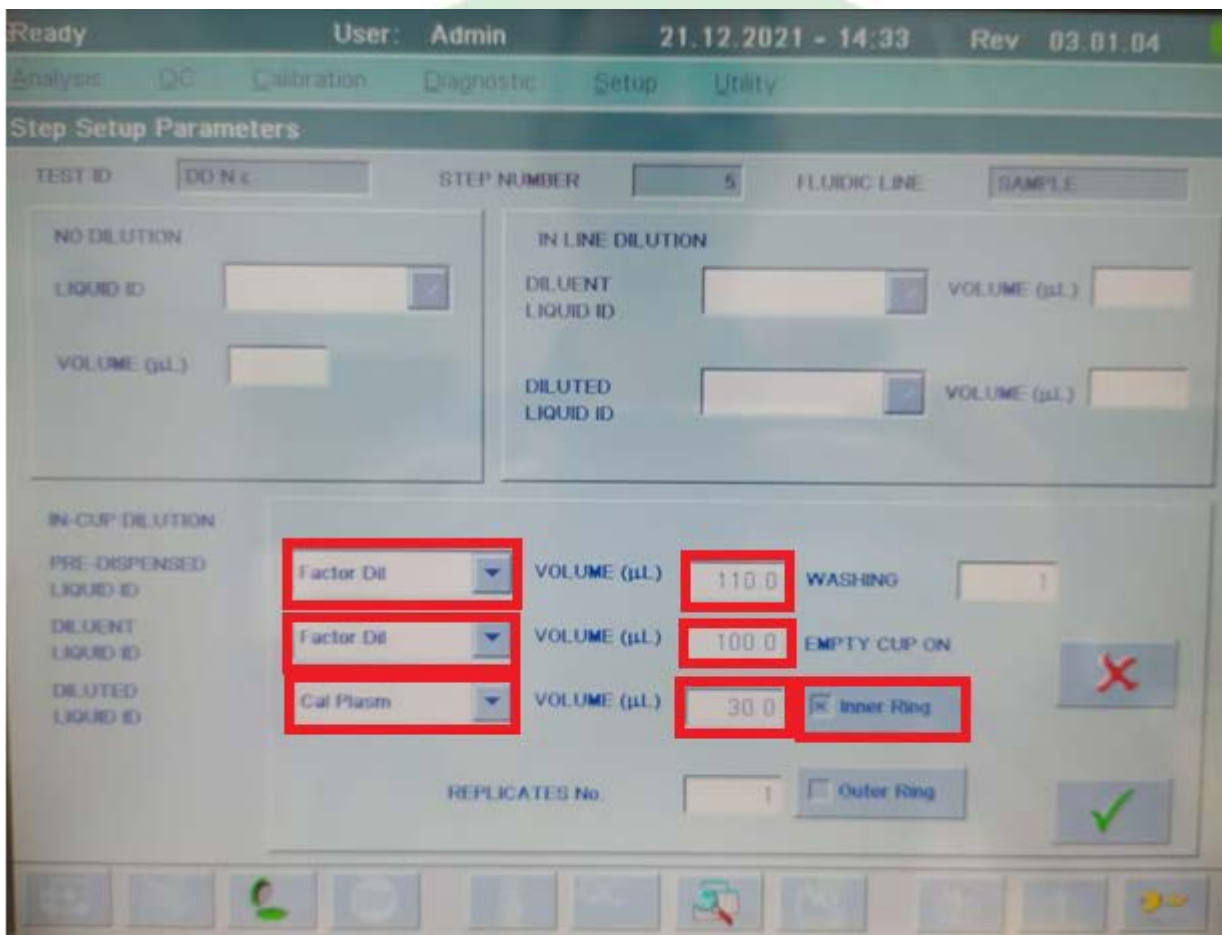
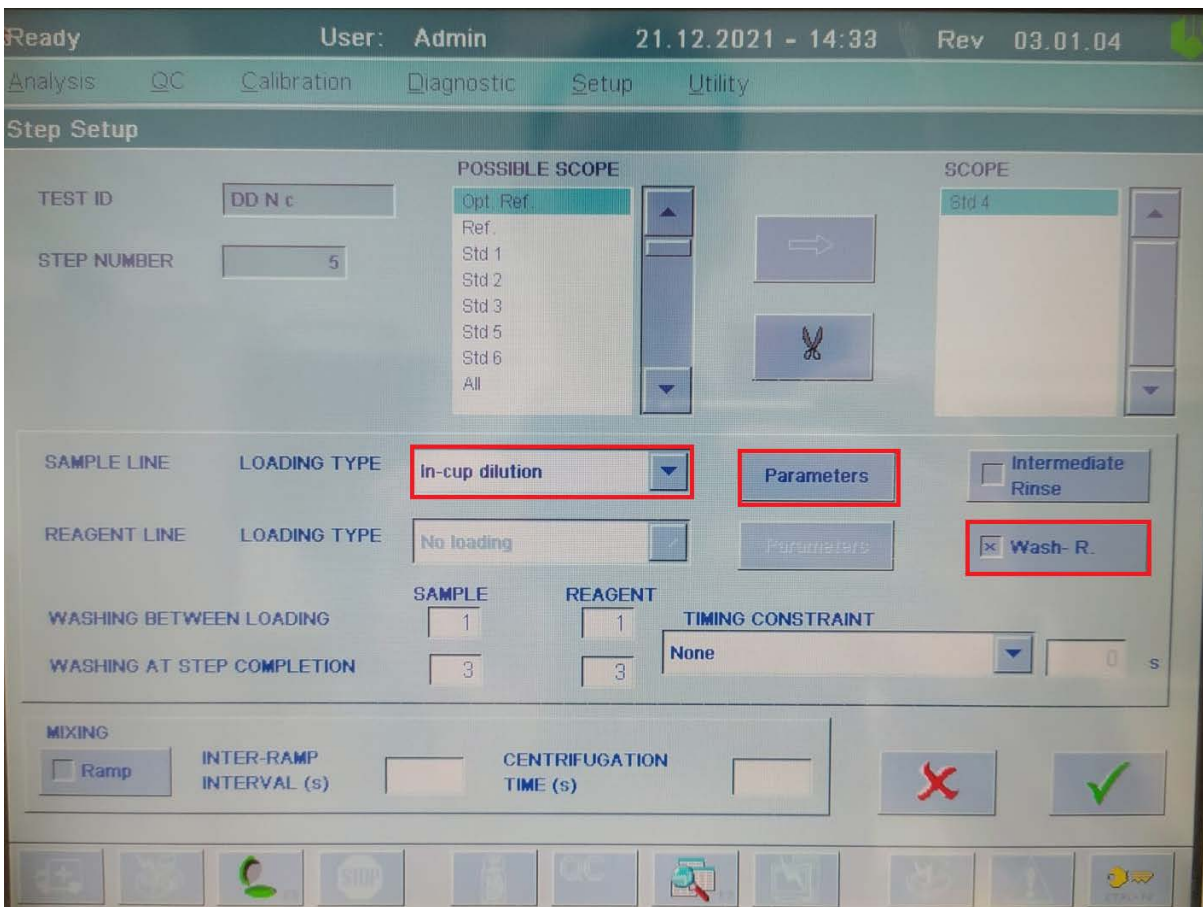
REPLICATES No.: 1 Outer Ring:

Buttons: X, ✓

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Шаг 5:

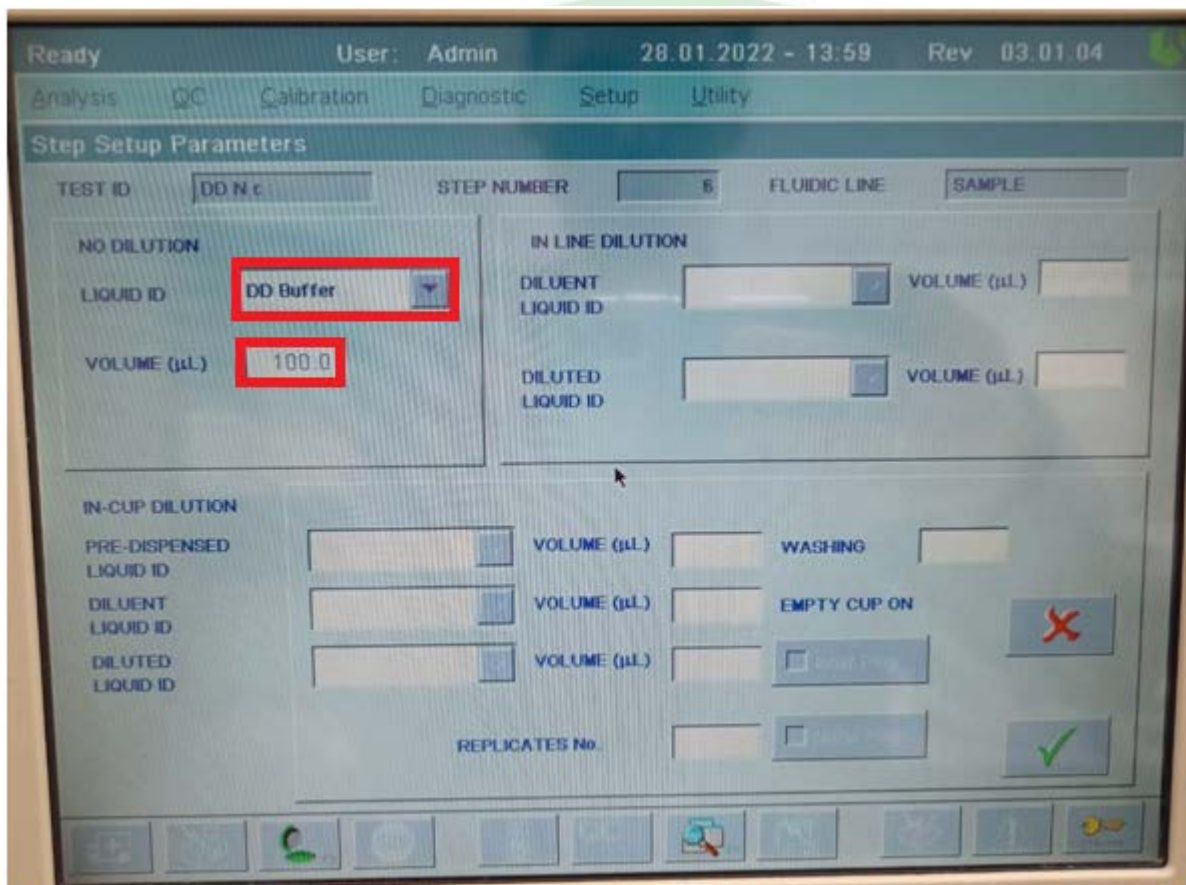
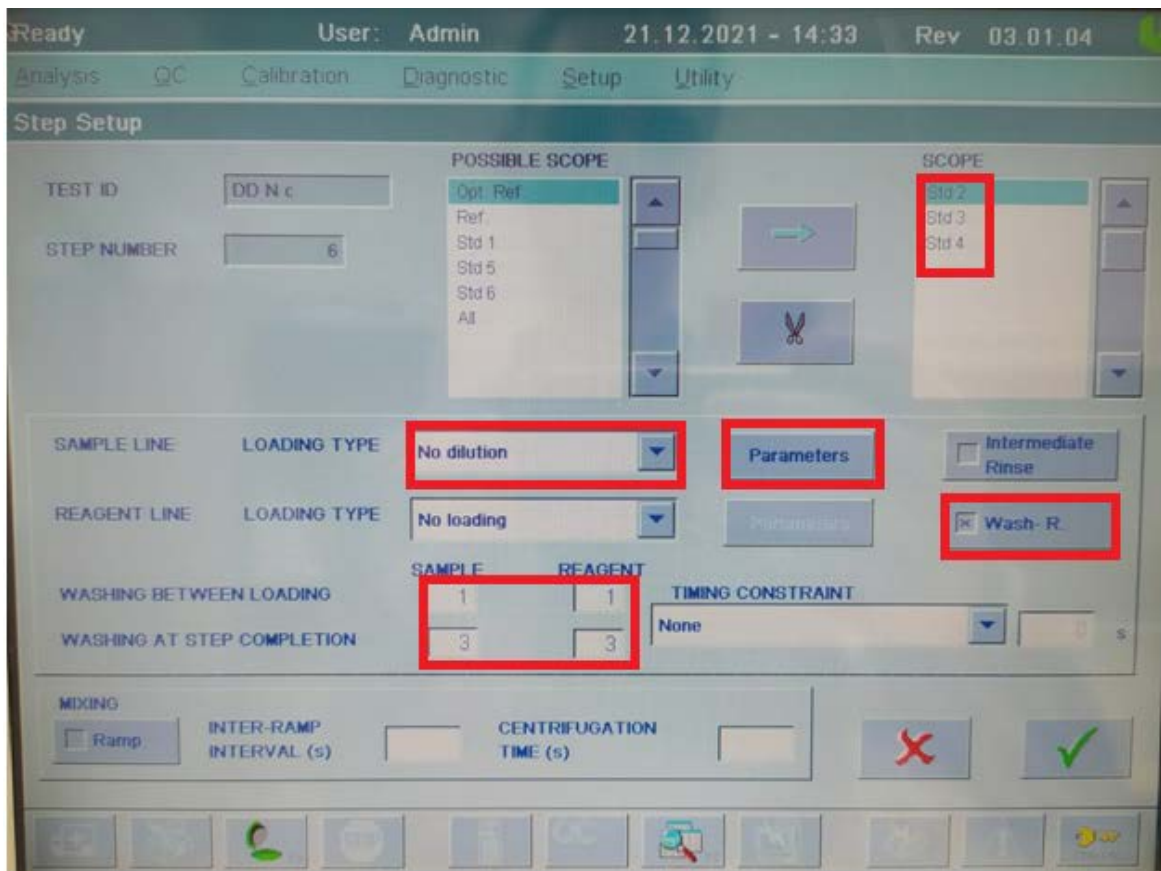
Создайте новый шаг загрузки. Выберите "Std 4".



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Шаг 6:

Выберите Std 2, Std 3, Std 4 для области действия этого шага.

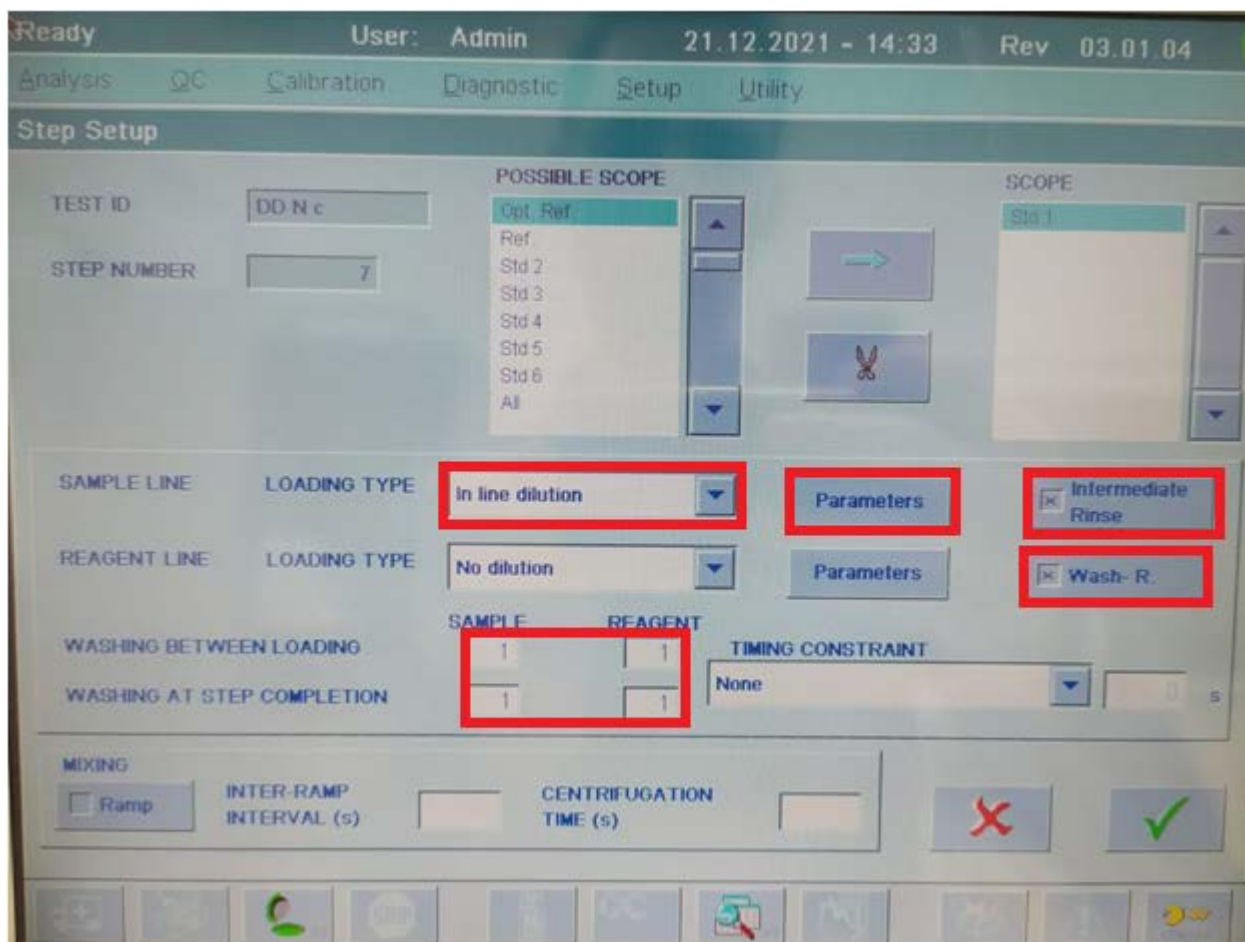


Шаг 7:

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Выберите Std 1.

Выберите "in line dilution" для SAMPLE LINE



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Ready User: Admin 21.12.2021 - 14:34 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 7 FLUIDIC LINE: SAMPLE

NO DILUTION		IN LINE DILUTION	
LIQUID ID	<input type="text"/>	DILUENT LIQUID ID: DD Buffer	VOLUME (µL): 100.0
VOLUME (µL)	<input type="text"/>	DILUTED LIQUID ID: Cal Plasm	VOLUME (µL): 20.0

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID	VOLUME (µL)	WASHING
<input type="text"/>	<input type="text"/>	<input type="text"/>
DILUENT LIQUID ID	VOLUME (µL)	EMPTY CUP ON
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
DILUTED LIQUID ID	VOLUME (µL)	<input type="checkbox"/>
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

REPLICATES No.

Buttons: [X] [✓]

Выберите "No dilution" для REAGENT LINE

Ready User: Admin 21.12.2021 - 14:33 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c STEP NUMBER: 7

POSSIBLE SCOPE: Opt. Ref, Ref, Std 2, Std 3, Std 4, Std 5, Std 6, All

SCOPE: Std 1

LINE	LOADING TYPE	Parameters	Options
SAMPLE LINE	In line dilution	Parameters	<input checked="" type="checkbox"/> Intermediate Rinse
REAGENT LINE	No dilution	Parameters	<input checked="" type="checkbox"/> Wash- R.

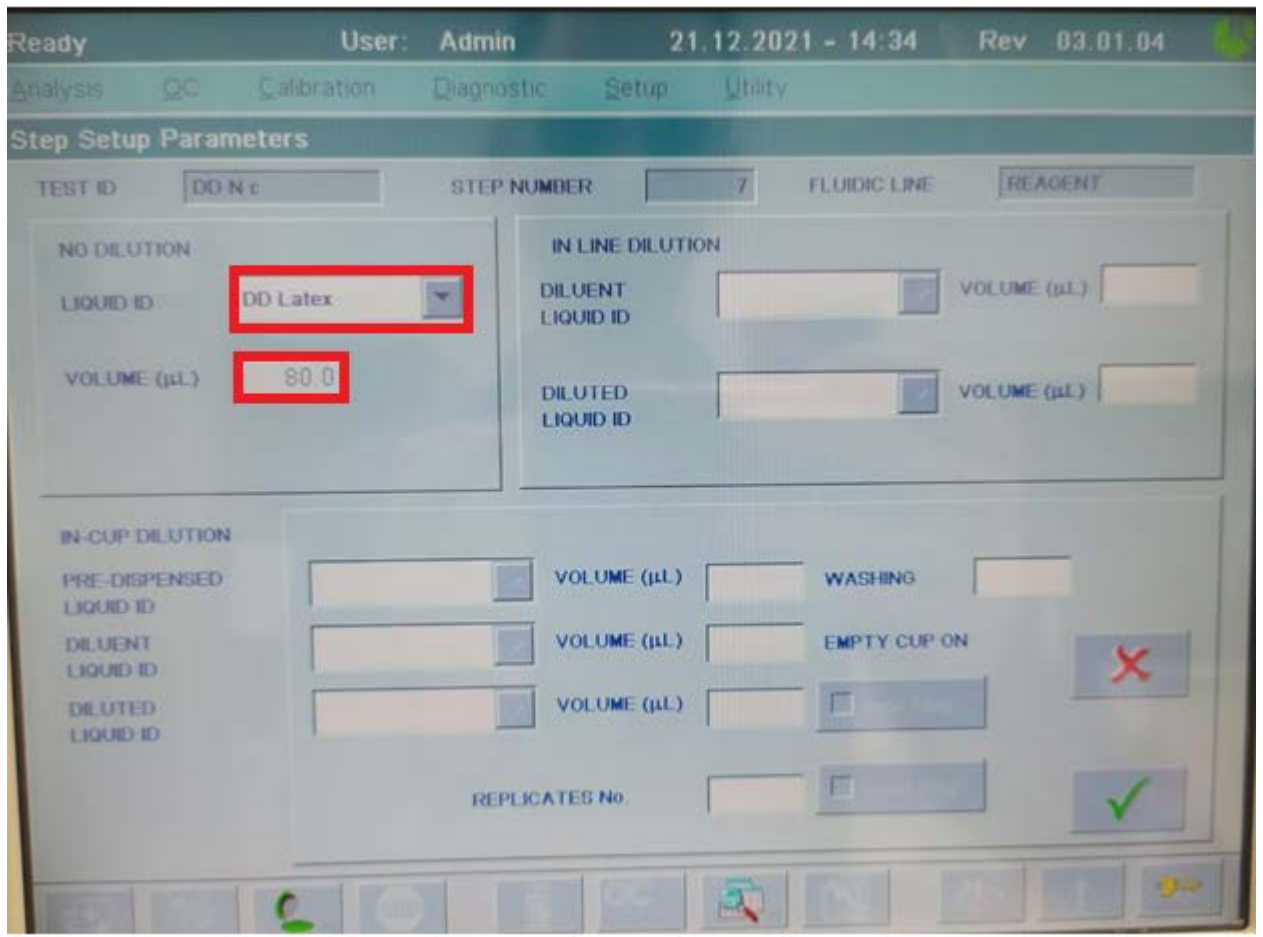
WASHING BETWEEN LOADING: SAMPLE 1 REAGENT 1

WASHING AT STEP COMPLETION: SAMPLE 1 REAGENT 1

TIMING CONSTRAINT: None 0 s

MIXING: Ramp INTER-RAMP INTERVAL (s) CENTRIFUGATION TIME (s)

Buttons: [X] [✓]



Шаг 8:

Выберите Std 2.



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Ready User: Admin 21.12.2021 - 14:34 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 8

POSSIBLE SCOPE: Opt. Ref., Ref., Std 1, Std 3, Std 4, Std 5, Std 6, All

SCOPE: Std 2

SAMPLE LINE LOADING TYPE: **No dilution** **Parameters** Intermediate Rinse

REAGENT LINE LOADING TYPE: No dilution Parameters Wash- R.

	SAMPLE	REAGENT
WASHING BETWEEN LOADING	1	1
WASHING AT STEP COMPLETION	1	1

TIMING CONSTRAINT: None

MIXING: Ramp

INTER-RAMP INTERVAL (s):

CENTRIFUGATION TIME (s):

Buttons: [X] [✓]

Ready User: Admin 21.12.2021 - 14:34 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c

STEP NUMBER: 8

FLUIDIC LINE: SAMPLE

NO DILUTION

LIQUID ID: **Prep. cup**

VOLUME (µL): **20.0**

IN LINE DILUTION

DILUENT LIQUID ID: [] VOLUME (µL): []

DILUTED LIQUID ID: [] VOLUME (µL): []

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID: [] VOLUME (µL): [] WASHING: []

DILUENT LIQUID ID: [] VOLUME (µL): [] EMPTY CUP ON: []

DILUTED LIQUID ID: [] VOLUME (µL): []

REPLICATES No.: []

Buttons: [X] [✓]

ИПО

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Ready User: Admin 21.12.2021 - 14:34 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 8

POSSIBLE SCOPE: Opt. Ref, Ref, Std 1, Std 3, Std 4, Std 5, Std 6, All

SCOPE: Std 2

SAMPLE LINE LOADING TYPE: No dilution [Parameters] Intermediate Rinse

REAGENT LINE LOADING TYPE: No dilution [Parameters] Wash- R.

WASHING BETWEEN LOADING: SAMPLE [1] REAGENT [1] TIMING CONSTRAINT: None

WASHING AT STEP COMPLETION: SAMPLE [1] REAGENT [1]

MIXING: Ramp INTER-RAMP INTERVAL (s): CENTRIFUGATION TIME (s):

Ready User: Admin 21.12.2021 - 14:34 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 8 FLUIDIC LINE: REAGENT

NO DILUTION

LIQUID ID: DD Latex

VOLUME (µL): 80.0

IN LINE DILUTION

DILUENT LIQUID ID: VOLUME (µL):

DILUTED LIQUID ID: VOLUME (µL):

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID: VOLUME (µL): WASHING:

DILUENT LIQUID ID: VOLUME (µL): EMPTY CUP ON:

DILUTED LIQUID ID: VOLUME (µL):

REPLICATES No:

War 9:

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Выберите Std 3.

Ready User: Admin 21.12.2021 - 14:35 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 9

POSSIBLE SCOPE: Cyt. Ref, Ref, Std 1, Std 2, Std 4, Std 5, Std 6, All

SCOPE: Std 3

SAMPLE LINE LOADING TYPE: No dilution Parameters Intermediate Rinse

REAGENT LINE LOADING TYPE: No dilution Parameters Wash-R.

SAMPLE	REAGENT
1	1
3	3

WASHING BETWEEN LOADING: 1 1

WASHING AT STEP COMPLETION: 3 3

TIMING CONSTRAINT: None 0 s

MIXING: Ramp

INTER-RAMP INTERVAL (s):

CENTRIFUGATION TIME (s):

Buttons: X, ✓

Ready User: Admin 21.12.2021 - 14:35 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 9 FLUIDIC LINE: SAMPLE

NO DILUTION

LIQUID ID: Prep. cup

VOLUME (µL): 20.0

IN LINE DILUTION

DILUENT LIQUID ID: VOLUME (µL):

DILUTED LIQUID ID: VOLUME (µL):

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID: VOLUME (µL): WASHING:

DILUENT LIQUID ID: VOLUME (µL): EMPTY CUP ON: X

DILUTED LIQUID ID: VOLUME (µL):

REPLICATES No.:

Buttons: X, ✓

Instrumentation Laboratory ACL Elite Pro

Ready User: Admin 21.12.2021 - 14:35 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 9

POSSIBLE SCOPE: Cpt. Ref, Ref, Std 1, Std 2, Std 4, Std 5, Std 6, All

SCOPE: Std 3

SAMPLE LINE: LOADING TYPE: No dilution [Parameters] Intermediate Rinse

REAGENT LINE: LOADING TYPE: No dilution [Parameters] Wash-R

WASHING BETWEEN LOADING: SAMPLE 1 REAGENT 1 TIMING CONSTRAINT: None 0 s

WASHING AT STEP COMPLETION: SAMPLE 3 REAGENT 3

MIXING: Ramp INTER-RAMP INTERVAL (s): CENTRIFUGATION TIME (s):

[Icons: Home, Back, Forward, Stop, Refresh, Print, Help, etc.]

Ready User: Admin 21.12.2021 - 14:38 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 9 FLUIDIC LINE: REAGENT

NO DILUTION:

LIQUID ID: DD Latex

VOLUME (µL): 80.0

IN LINE DILUTION:

DILUENT LIQUID ID: VOLUME (µL):

DILUTED LIQUID ID: VOLUME (µL):

IN-CUP DILUTION:

PRE-DISPENSED LIQUID ID: VOLUME (µL): WASHING:

DILUENT LIQUID ID: VOLUME (µL): EMPTY CUP ON:

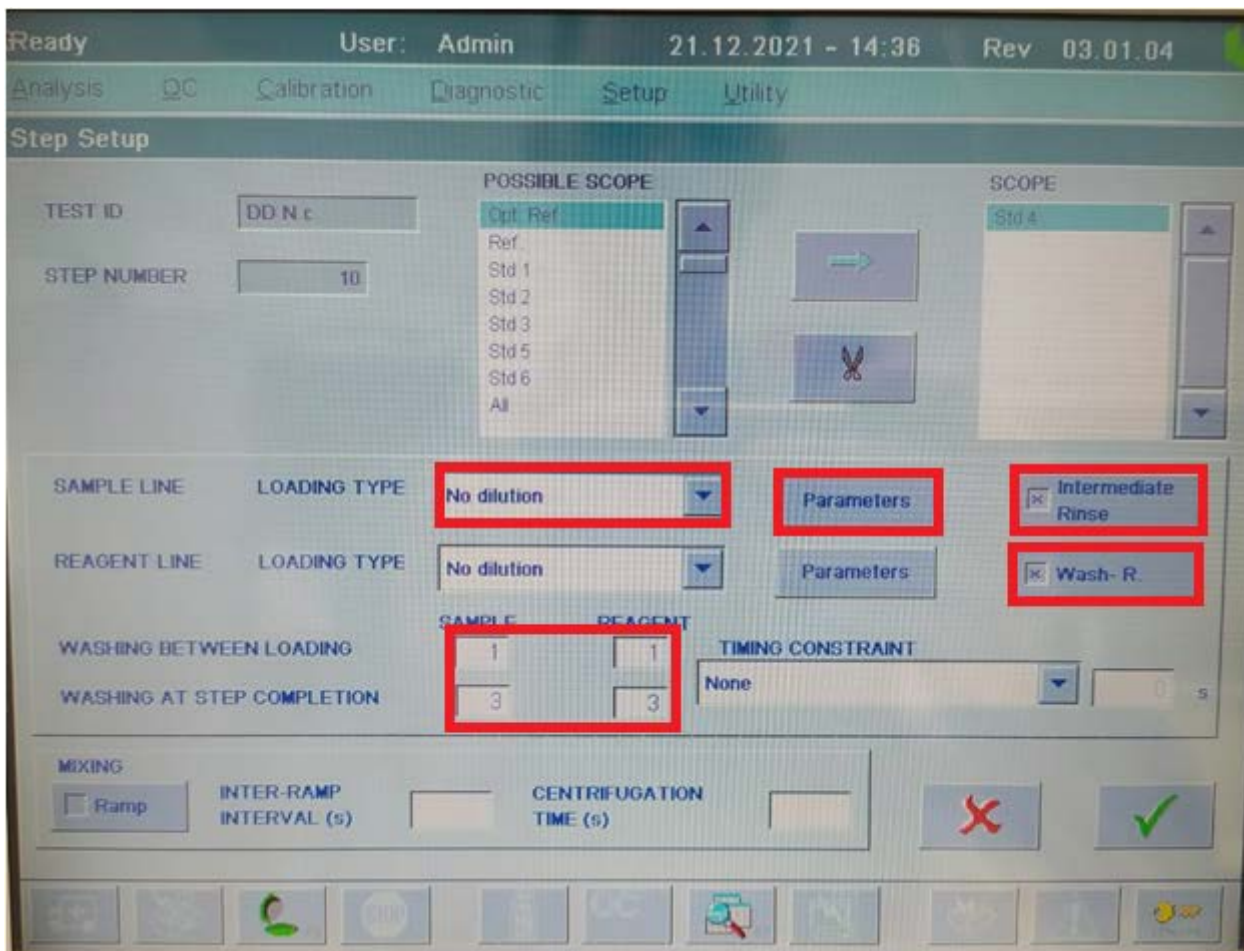
DILUTED LIQUID ID: VOLUME (µL):

REPLICATES No:

[Icons: Home, Back, Forward, Stop, Refresh, Print, Help, etc.]

Шаг 10:

Выберите Std 4.



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Ready User: Admin 21.12.2021 - 14:38 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 10 FLUIDIC LINE: SAMPLE

NO DILUTION

LIQUID ID: **Prep. cup**

VOLUME (µL): **20.0**

IN LINE DILUTION

DILUENT LIQUID ID: [] VOLUME (µL): []

DILUTED LIQUID ID: [] VOLUME (µL): []

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID: [] VOLUME (µL): [] WASHING: []

DILUENT LIQUID ID: [] VOLUME (µL): [] EMPTY CUP ON: []

DILUTED LIQUID ID: [] VOLUME (µL): []

REPLICATES No.: []

[X] [✓]

Ready User: Admin 21.12.2021 - 14:38 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 10

POSSIBLE SCOPE

- Opt. Ref
- Ref
- Std 1
- Std 2
- Std 3
- Std 5
- Std 6
- All

SCOPE

Std 4

SAMPLE LINE LOADING TYPE: **No dilution** Parameters [X] Intermediate Rinse

REAGENT LINE LOADING TYPE: **No dilution** Parameters [X] Wash- R.

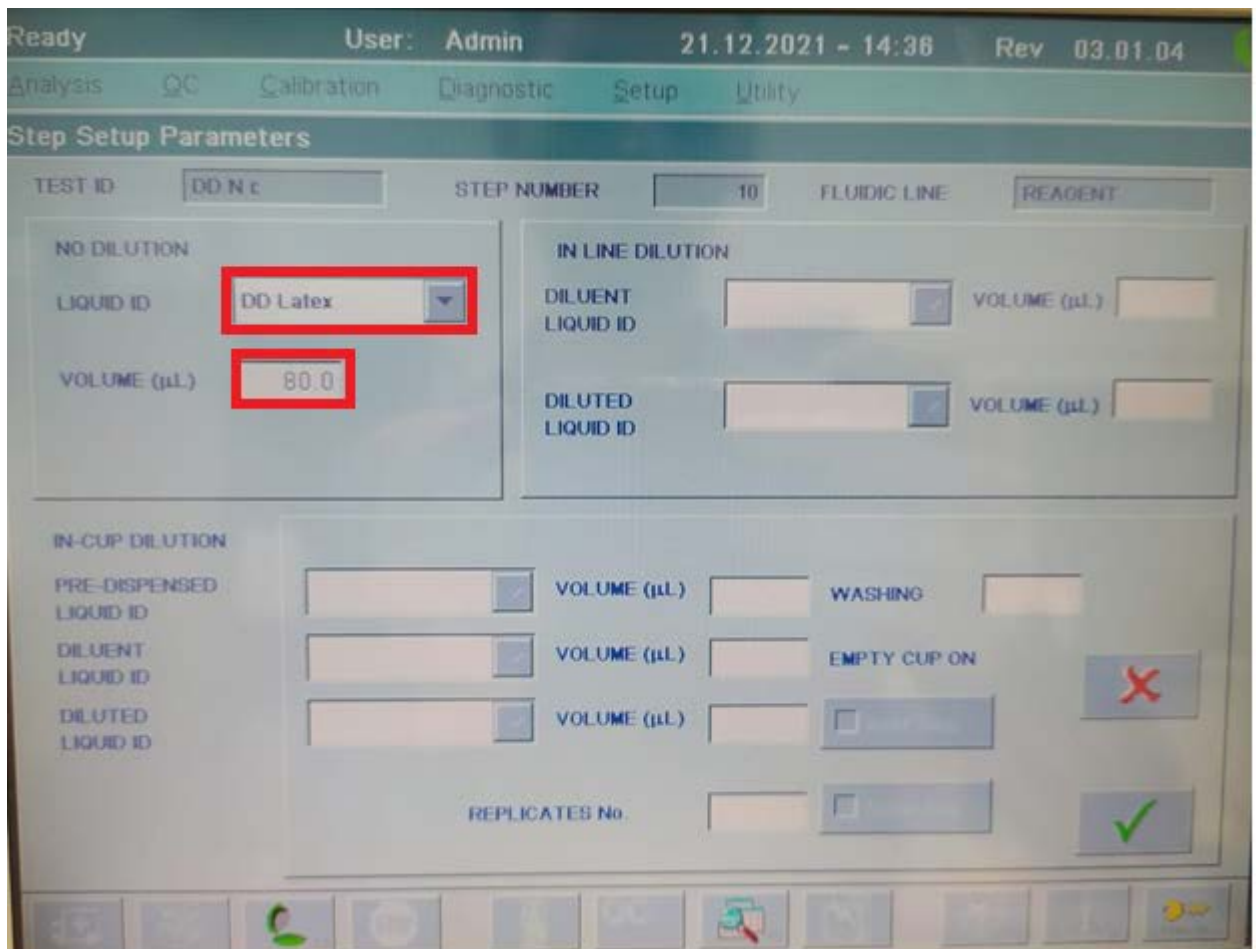
WASHING BETWEEN LOADING: SAMPLE [1] REAGENT [1] TIMING CONSTRAINT: [None] [] s

WASHING AT STEP COMPLETION: SAMPLE [3] REAGENT [3]

MIXING

[] Ramp INTER-RAMP INTERVAL (s): [] CENTRIFUGATION TIME (s): []

[X] [✓]



Шаг 11:

Выберите "Ref"



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Ready User: Admin 21.12.2021 - 14:36 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 11

POSSIBLE SCOPE: Cpt. Ref, Std 1, Std 2, Std 3, Std 4, Std 5, Std 6, All

SCOPE: Ref

SAMPLE LINE: LOADING TYPE: No dilution Parameters Intermediate Rinse

REAGENT LINE: LOADING TYPE: No dilution Parameters Wash- R.

WASHING BETWEEN LOADING: SAMPLE: 0 REAGENT: 0

WASHING AT STEP COMPLETION: SAMPLE: 1 REAGENT: 1

TIMING CONSTRAINT: Delay at completion 10 s

MIXING: Ramp

INTER-RAMP INTERVAL (s): CENTRIFUGATION TIME (s):

Buttons: X, ✓

Установите Washing R. в обоих случаях.

Ready User: Admin 21.12.2021 - 14:36 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 11 FLUIDIC LINE: SAMPLE

NO DILUTION

LIQUID ID: Washing R.

VOLUME (µL): 90.0

IN LINE DILUTION

DILUENT LIQUID ID: VOLUME (µL):

DILUTED LIQUID ID: VOLUME (µL):

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID: VOLUME (µL): WASHING

DILUENT LIQUID ID: VOLUME (µL): EMPTY CUP ON

DILUTED LIQUID ID: VOLUME (µL):

REPLICATES No.:

Buttons: X, ✓

Instrumentation Laboratory ACL Elite Pro

Ready User: Admin 21.12.2021 - 14:36 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 11 FLUIDIC LINE: SAMPLE

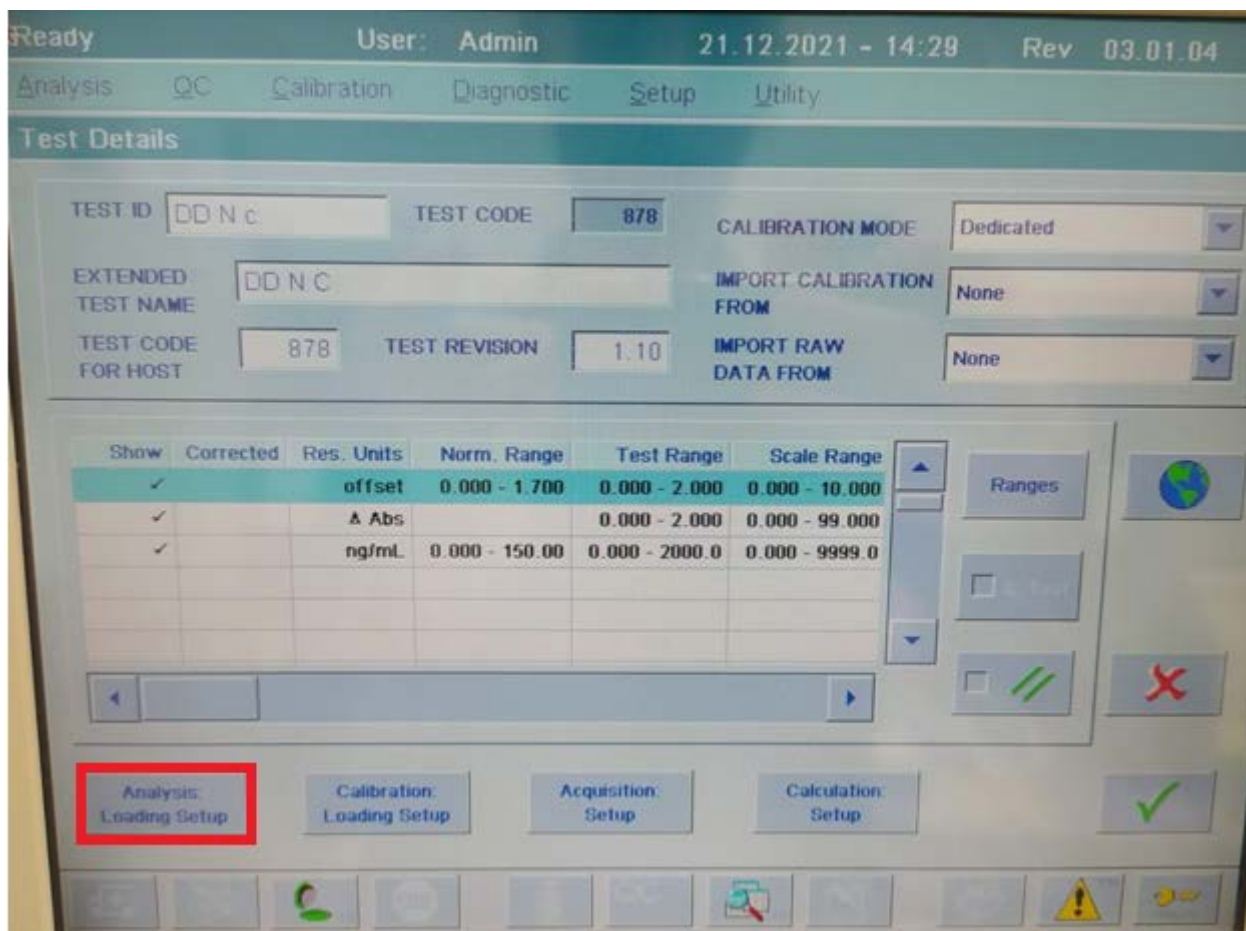
NO DILUTION		IN LINE DILUTION	
LIQUID ID	Washing R.	DILUENT LIQUID ID	VOLUME (µL)
VOLUME (µL)	90.0	DILUTED LIQUID ID	VOLUME (µL)

IN-CUP DILUTION			
PRE-DISPENSED LIQUID ID	VOLUME (µL)	WASHING	
DILUENT LIQUID ID	VOLUME (µL)	EMPTY CUP ON	<input checked="" type="checkbox"/>
DILUTED LIQUID ID	VOLUME (µL)		<input type="checkbox"/>
REPLICATES No.			<input type="checkbox"/>

Navigation icons: Home, Back, Forward, Stop, Run, Cancel, Help, Logout



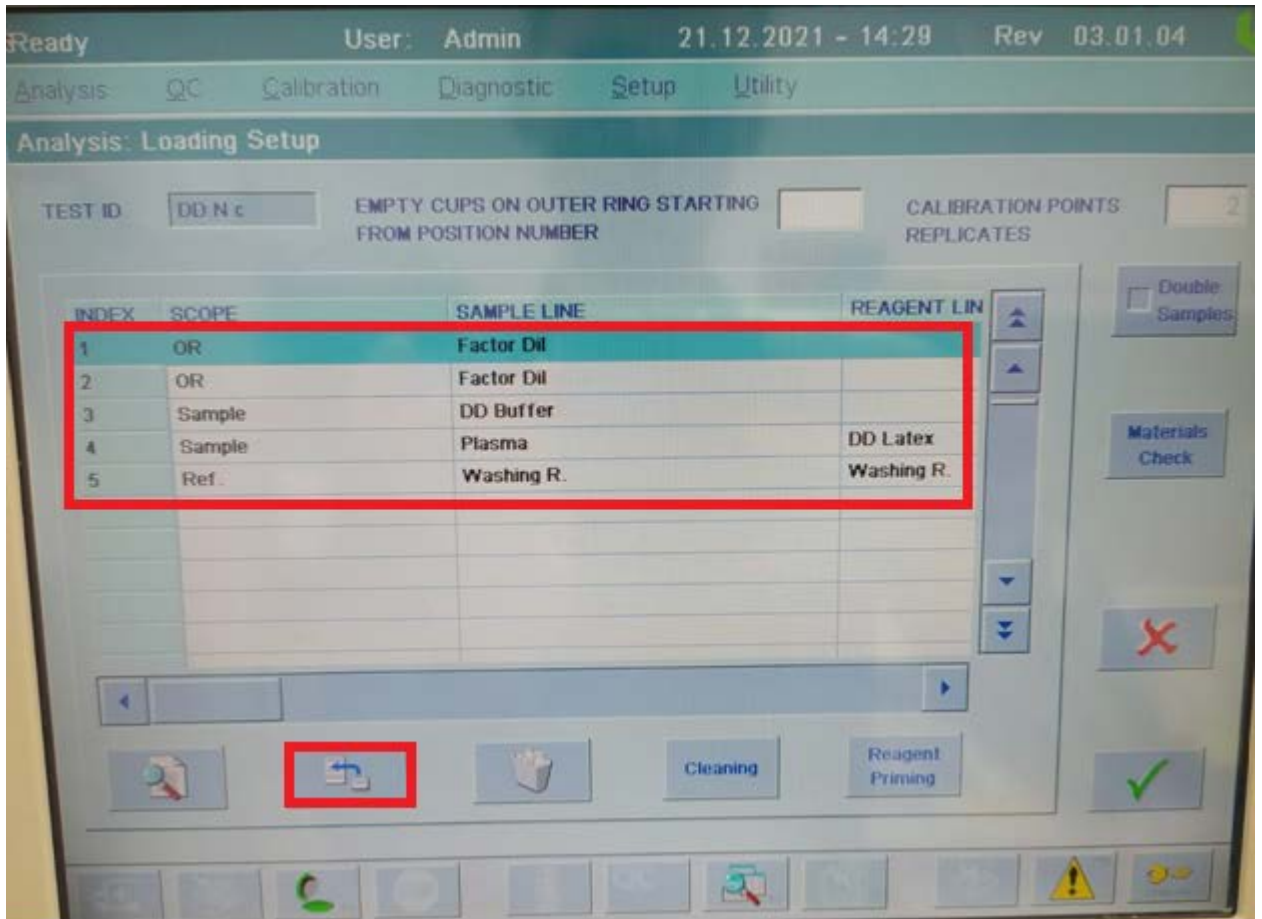
Настройки проведения теста (основной протокол)



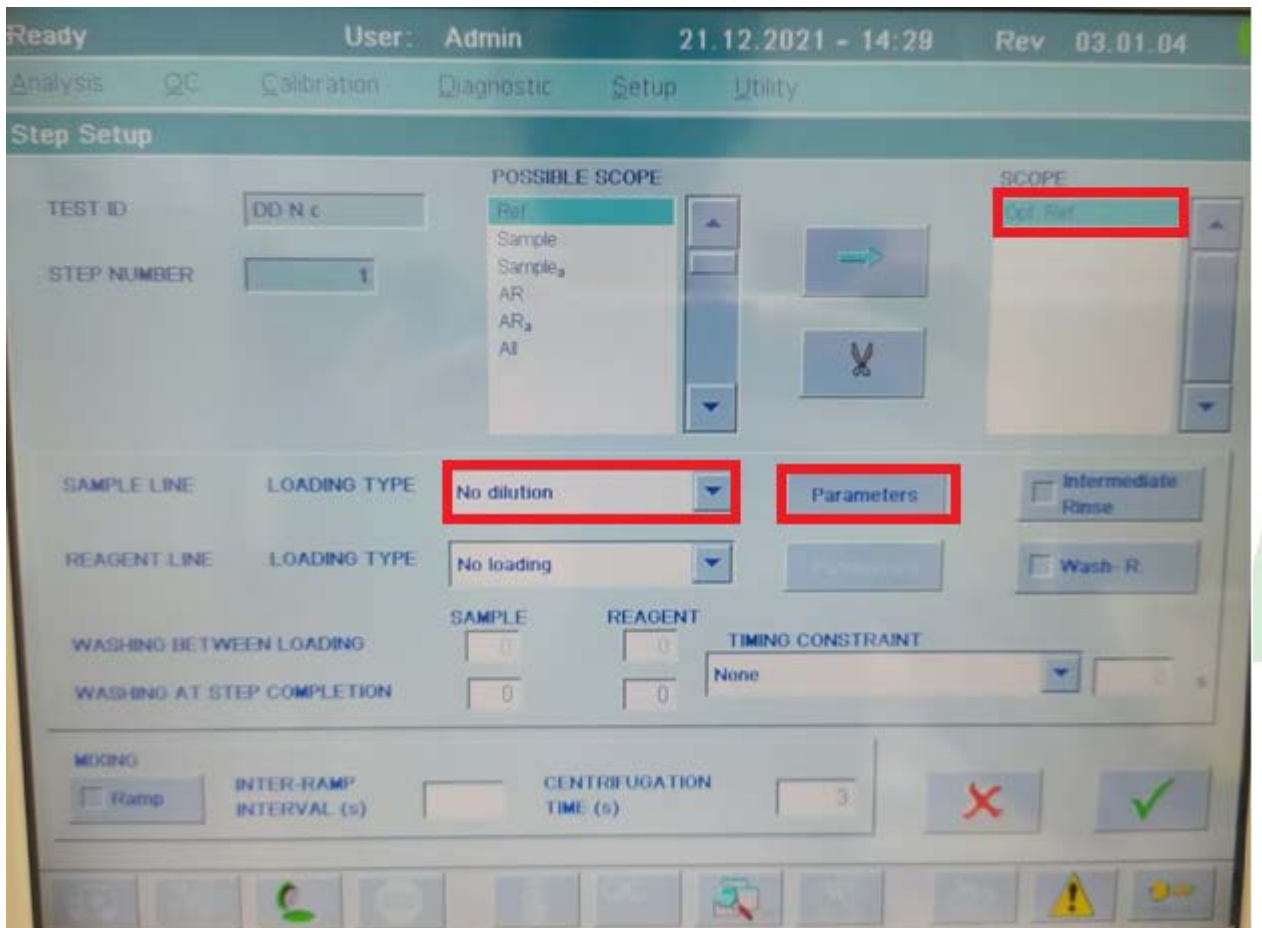
Нажимаем из основного меню теста кнопку **Analysis: Loading Setup** и создаем шаги согласно схеме:

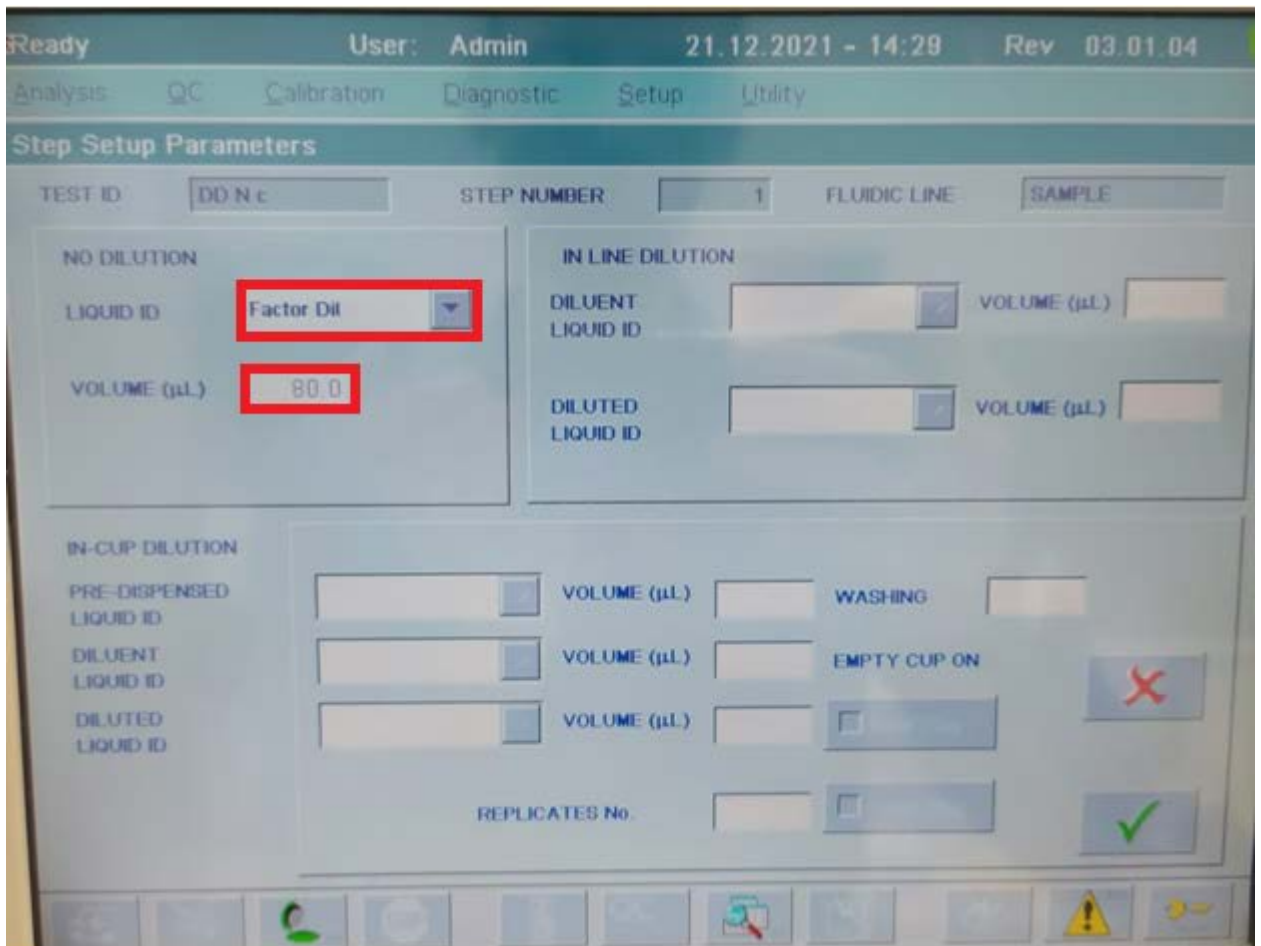


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War 1:





Шаг 2:



Instrumentation Laboratory ACL Elite Pro

Ready User: Admin 21.12.2021 - 14:30 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 2

POSSIBLE SCOPE: Ref, Sample, Sample₂, AR, AR₂, AI

SCOPE: Opt. Ref

SAMPLE LINE LOADING TYPE: No dilution

REAGENT LINE LOADING TYPE: No loading

Parameters

WASHING BETWEEN LOADING: 0

WASHING AT STEP COMPLETION: 0

TIMING CONSTRAINT: None

MIXING: Ramp

INTER-RAMP INTERVAL (s):

CENTRIFUGATION TIME (s): 3

Ready User: Admin 21.12.2021 - 14:32 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c

STEP NUMBER: 2

FLUIDIC LINE: SAMPLE

NO DILUTION

LIQUID ID: Factor Dil

VOLUME (µL): 80.0

IN-LINE DILUTION

DILUENT LIQUID ID: [] VOLUME (µL): []

DILUTED LIQUID ID: [] VOLUME (µL): []

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID: [] VOLUME (µL): [] WASHING: []

DILUENT LIQUID ID: [] VOLUME (µL): [] EMPTY CUP ON: []

DILUTED LIQUID ID: [] VOLUME (µL): []

REPLICATES No.: []

Шаг 3:



Instrumentation Laboratory ACL Elite Pro

Ready User: Admin 21.12.2021 - 14:31 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 3

POSSIBLE SCOPE: Opt. Ref., Ref, Sample₂, AR, AR₂, All

SCOPE: Sample

SAMPLE LINE: LOADING TYPE: No dilution Parameters Intermediate Rinse

REAGENT LINE: LOADING TYPE: No loading Wash- R

WASHING BETWEEN LOADING	SAMPLE	REAGENT	TIMING CONSTRAINT
	1	1	None
WASHING AT STEP COMPLETION	3	3	

MIXING: Ramp INTER-RAMP INTERVAL (s): CENTRIFUGATION TIME (s):

Buttons: [X] [✓]

Ready User: Admin 21.12.2021 - 14:31 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 3 FLUIDIC LINE: SAMPLE

NO DILUTION

LIQUID ID: DD Buffer

VOLUME (µL): 100.0

IN-LINE DILUTION

DILUENT LIQUID ID: VOLUME (µL):

DILUTED LIQUID ID: VOLUME (µL):

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID	VOLUME (µL)	WASHING
DILUENT LIQUID ID	VOLUME (µL)	EMPTY CUP ON
		<input type="checkbox"/>
DILUTED LIQUID ID	VOLUME (µL)	

REPLICATES No: []

Buttons: [X] [✓]

Щар 4:

Instrumentation Laboratory ACL Elite Pro

Ready User: Admin 21.12.2021 - 14:31 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 4

POSSIBLE SCOPE: Opt. Ref, Ref, Sample₂, AR, AR₂, All

SCOPE: Sample

SAMPLE LINE: LOADING TYPE: No dilution Parameters Intermediate Rinse

REAGENT LINE: LOADING TYPE: No dilution Parameters Wash- R.

WASHING BETWEEN LOADING: SAMPLE: 1 REAGENT: 1 TIMING CONSTRAINT: None

WASHING AT STEP COMPLETION: SAMPLE: 3 REAGENT: 3

MIXING: Ramp INTER-RAMP INTERVAL (s): 1 TIME (s): 1

Ready User: Admin 21.12.2021 - 14:31 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 4 FLUIDIC LINE: SAMPLE

NO DILUTION

LIQUID ID: Plasma

VOLUME (µL): 20.0

IN LINE DILUTION

DILUENT LIQUID ID: [] VOLUME (µL): []

DILUTED LIQUID ID: [] VOLUME (µL): []

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID: [] VOLUME (µL): [] WASHING: []

DILUENT LIQUID ID: [] VOLUME (µL): [] EMPTY CUP ON: []

DILUTED LIQUID ID: [] VOLUME (µL): []

REPLICATES No.: []

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Ready User: Admin 21.12.2021 - 14:31 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 4

POSSIBLE SCOPE: Opt. Ref, Ref, Sample_a, AR, AR_a, All

SCOPE: Sample

SAMPLE LINE: LOADING TYPE: No dilution [Parameters] Intermediate Rinse

REAGENT LINE: LOADING TYPE: No dilution [Parameters] Wash- R.

WASHING BETWEEN LOADING: SAMPLE 1 REAGENT 1 TIMING CONSTRAINT: None

WASHING AT STEP COMPLETION: SAMPLE 3 REAGENT 3

MIXING: Ramp INTER-RAMP INTERVAL (s): 1 CENTRIFUGATION TIME (s): 1

Ready User: Admin 21.12.2021 - 14:31 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 4 FLUIDIC LINE: REAGENT

NO DILUTION

LIQUID ID: DD Latex

VOLUME (µL): 80.0

IN LINE DILUTION

DILUENT LIQUID ID: VOLUME (µL):

DILUTED LIQUID ID: VOLUME (µL):

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID: VOLUME (µL): WASHING:

DILUENT LIQUID ID: VOLUME (µL): EMPTY CUP ON:

DILUTED LIQUID ID: VOLUME (µL):

REPLICATES No.:

Щар 5:

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Ready User: Admin 21.12.2021 - 14:31 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup

TEST ID: DD N c

STEP NUMBER: 5

POSSIBLE SCOPE: Opt. Ref, Sample, Sample₂, AR, AR₂, All

SCOPE: Ref

SAMPLE LINE LOADING TYPE: No dilution Parameters Intermediate Rinse

REAGENT LINE LOADING TYPE: No dilution Parameters Wash-R.

WASHING BETWEEN LOADING SAMPLE: 0 REAGENT: 0

WASHING AT STEP COMPLETION SAMPLE: 0 REAGENT: 0

TIMING CONSTRAINT: Delay at completion 10 s

MIXING: Ramp INTER-RAMP INTERVAL (s): CENTRIFUGATION TIME (s):

Navigation icons: Home, Back, Forward, Stop, Refresh, Print, Help, Save, Exit

Ready User: Admin 28.01.2022 - 13:58 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID: DD N c STEP NUMBER: 5 FLUIDIC LINE: SAMPLE

NO DILUTION

LIQUID ID: Washing R.

VOLUME (µL): 90.0

IN LINE DILUTION

DILUENT LIQUID ID: VOLUME (µL):

DILUTED LIQUID ID: VOLUME (µL):

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID: VOLUME (µL):

DILUENT LIQUID ID: VOLUME (µL):

DILUTED LIQUID ID: VOLUME (µL):

WASHING: EMPTY CUP ON:

REPLICATES No.:

Navigation icons: Home, Back, Forward, Stop, Refresh, Print, Help, Save, Exit

Ready User: Admin 28.01.2022 - 13:58 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Step Setup Parameters

TEST ID DD N c STEP NUMBER 5 FLUIDIC LINE SAMPLE

NO DILUTION

LIQUID ID Washing R.

VOLUME (µL) 90.0

IN LINE DILUTION

DILUENT LIQUID ID VOLUME (µL)

DILUTED LIQUID ID VOLUME (µL)

IN-CUP DILUTION

PRE-DISPENSED LIQUID ID VOLUME (µL) WASHING

DILUENT LIQUID ID VOLUME (µL) EMPTY CUP ON

DILUTED LIQUID ID VOLUME (µL)

REPLICATES No.

STOP

Далее необходимо произвести изменение настроек параметров измерения теста. Для этого в меню **Calibration: Loading Setup** и меню **Analysis: Loading Setup** привести в соответствие настройки с параметрами, указанными ниже:

Instrumentation Laboratory ACL Elite Pro

Ready User: Admin 21.12.2021 - 14:38 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Calibration Setup

TEST ID: DD N c CALIBRATION MODE: Dedicated REPLICATES: 2

SCOPE: All Std-
Std 1
Std 2
Std 3
Std 4

ALGORITHM TYPE: Delta Algorithm

RESPONSE TYPE: Δ Abs

Define Parameters
Delete Parameters

STANDARDS	DILUTION RATIO %	CV
Std 1	100.00	
Std 2	50.000	
Std 3	25.000	
Std 4	12.500	

FINAL UNIT: ng/mL NEW UNIT:

Acq. Data Checks Calibration Curve Setup

✗ ✓

Ready User: Admin 21.12.2021 - 14:38 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Delta Algorithm

TEST ID: DD N c

DEGREE: [] 1st Smooth [] 2nd Smooth [] Delta Check

DEGREE: [] VALUE: []

DELTA TYPE: Max - Offset

PRESENTED UNITS: [] [] [] [] [] []

FIRST PART OF REACTION CURVE: Offset POINTS: 10 Min

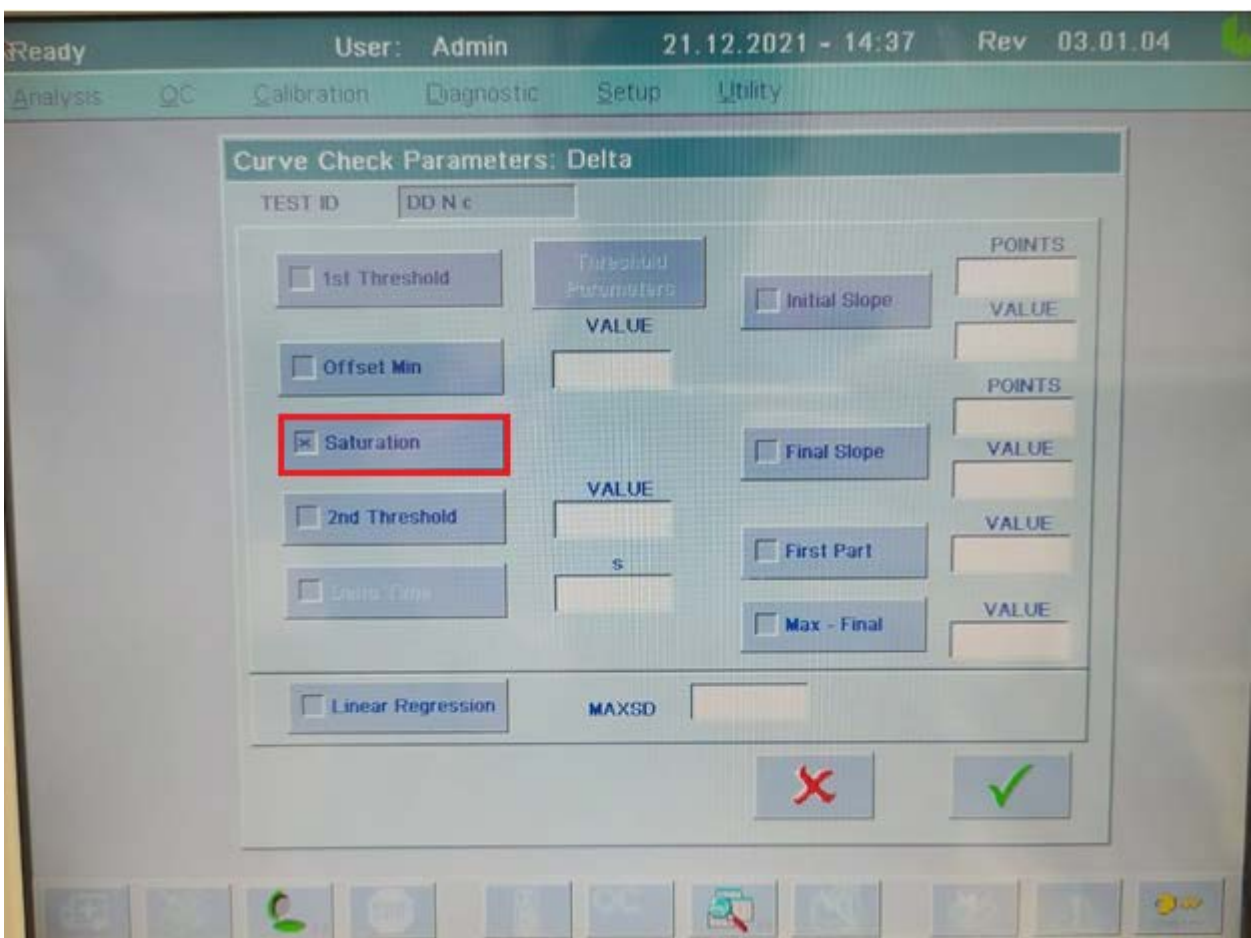
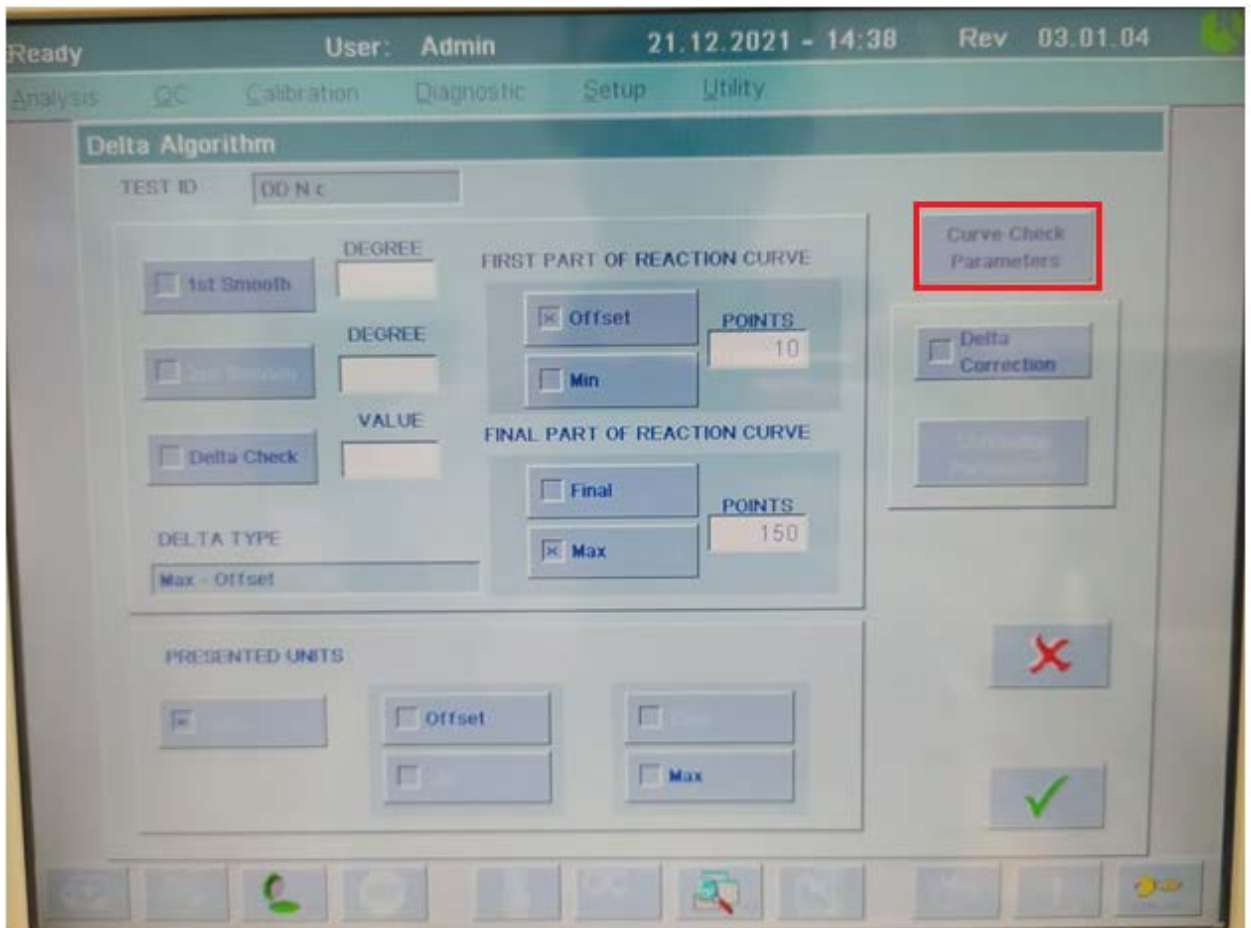
FINAL PART OF REACTION CURVE: Final POINTS: Max 150

Curve Check Parameters
Delta Correction
Correction Parameters

✗ ✓

ИПО

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Примите эти настройки и вернитесь к Calculations Setup.

Instrumentation Laboratory ACL Elite Pro

Ready User: Admin 21.12.2021 - 14:38 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Calibration Setup

TEST ID: DD N c CALIBRATION MODE: Dedicated REPLICATES: 2

SCOPE: All Std ✓
Std 1
Std 2
Std 3
Std 4

ALGORITHM TYPE: Delta Algorithm
Define Parameters
Delete Parameters

RESPONSE TYPE: Δ Abs
 Display
 Hide

STANDARDS	DILUTION RATIO %	CV
Std 1	100.00	
Std 2	50.000	
Std 3	25.000	
Std 4	12.500	

FINAL UNIT: ng/mL NEW UNIT:
Acq. Data Checks Calibration Curve Setup

Ready User: Admin 21.12.2021 - 14:38 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Calibration Curve Setup

TEST ID: DD N c

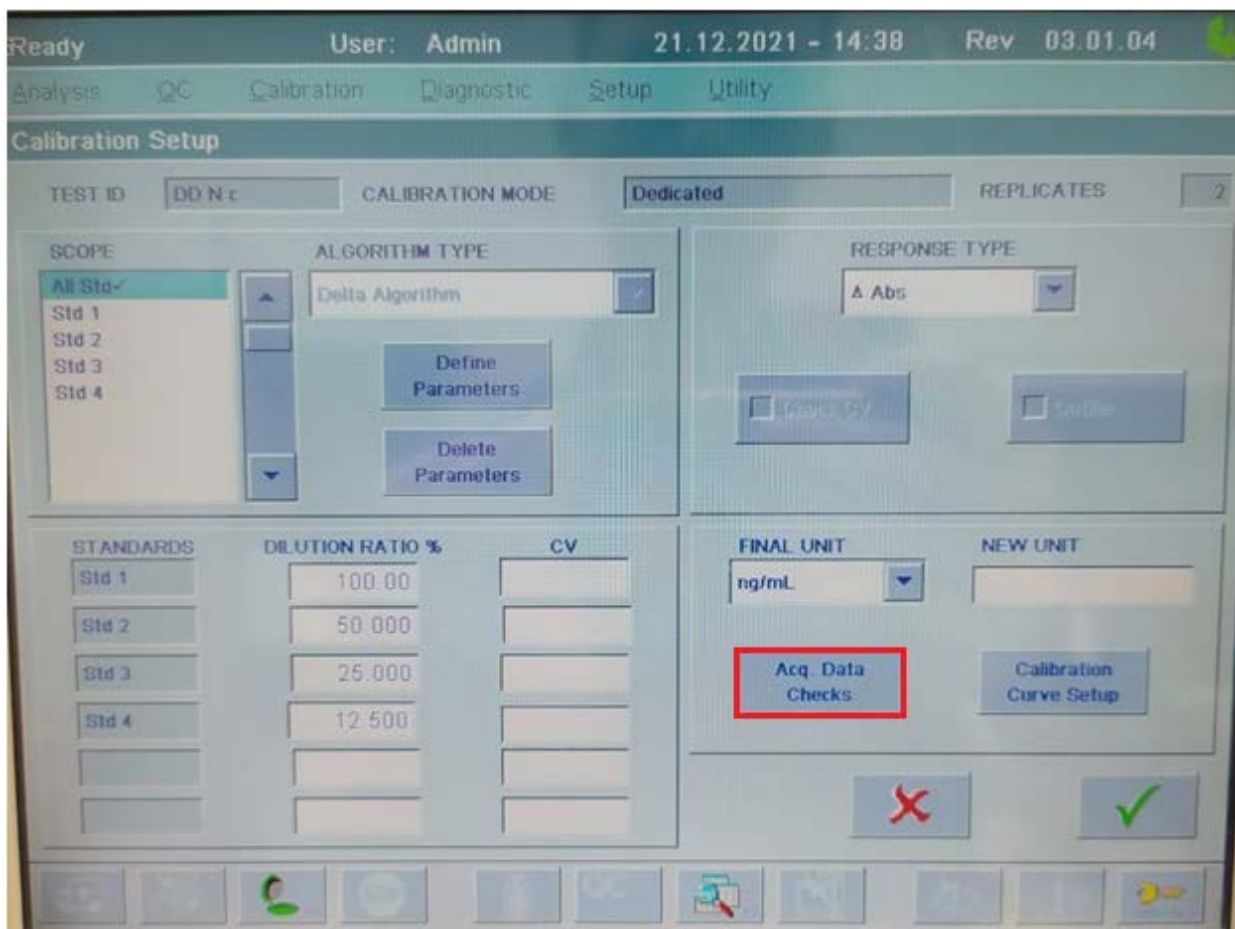
X: x Y: y
 Correct with All in analysis Correct Ratio with 100% Std Flag extrapolated results

	START POINT	END POINT	F(x)	G(y)	TRANSLATION POINT
1st	Std 1	Std 4	x	y	Std 4
2nd	None	None	x	y	None
3rd	None	None	x	y	None

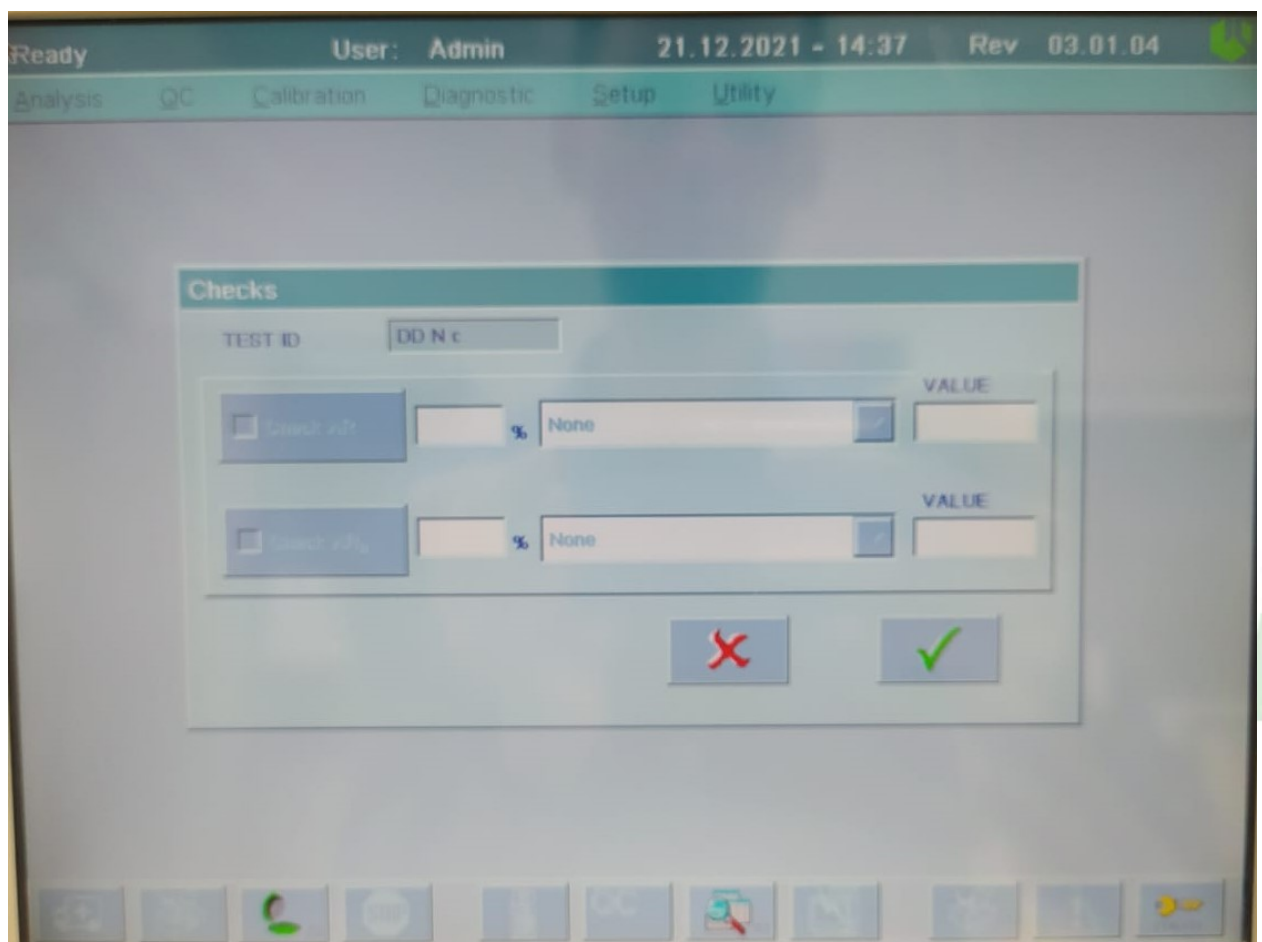
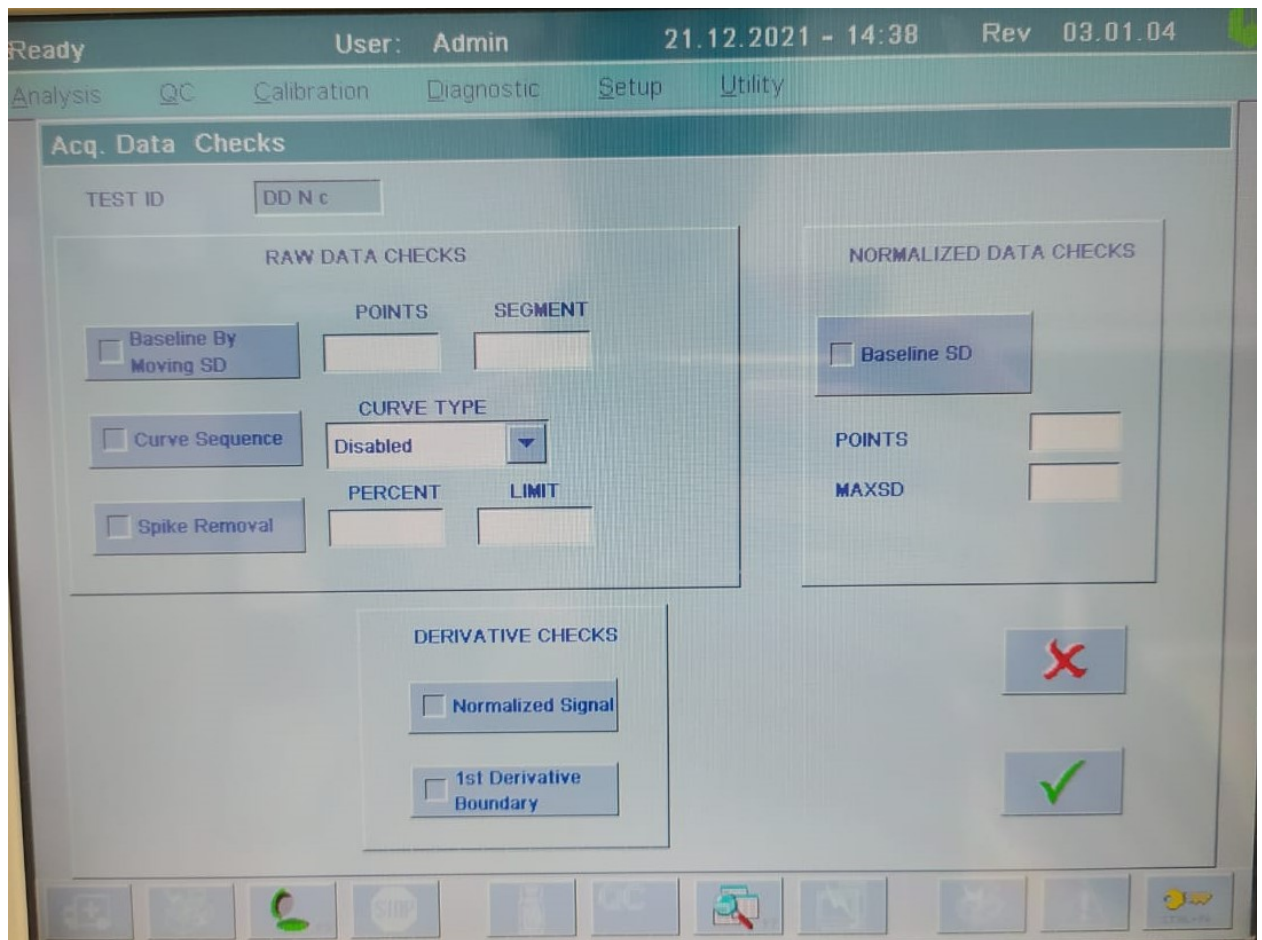
CALIBRATION CURVE CHECKS

	SLOPE RANGE		r ²
1st CURVE	1.0000	30000	0.9500
2nd CURVE			
3rd CURVE			

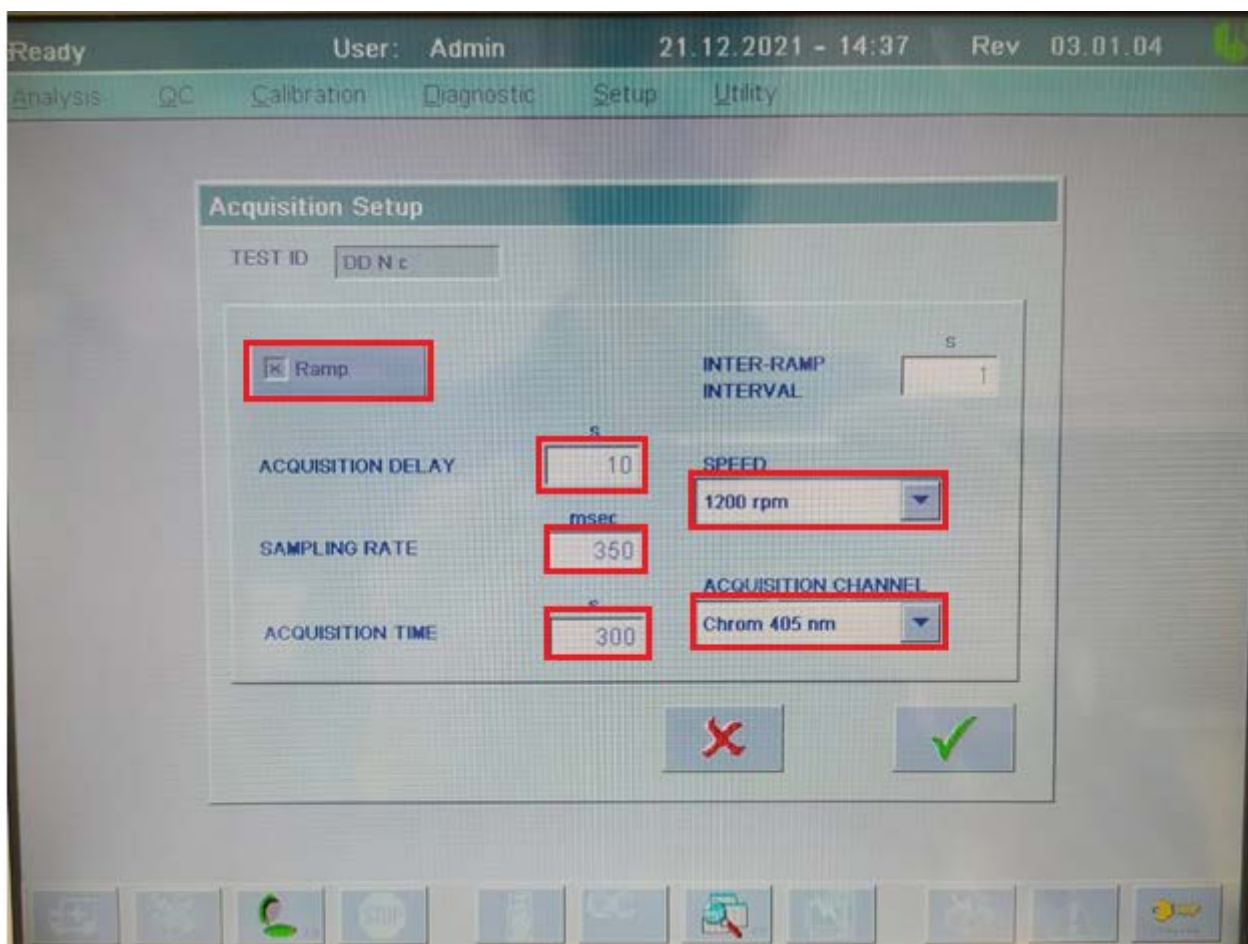
Define as Mandatory



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Из главного меню нажать на кнопку **Acquisition: Setup** и проверить соответствие настроек с представленным образцом



Из главного меню нажать на кнопку **Calculation: Setup** и проверить соответствие настроек с представленным образцом



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Ready User: Admin 21.12.2021 - 14:29 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Test Details

TEST ID: DD N c TEST CODE: 878 CALIBRATION MODE: Dedicated

EXTENDED TEST NAME: DD N C IMPORT CALIBRATION FROM: None

TEST CODE FOR HOST: 878 TEST REVISION: 1.10 IMPORT RAW DATA FROM: None

Show	Corrected	Res. Units	Norm. Range	Test Range	Scale Range
<input checked="" type="checkbox"/>		offset	0.000 - 1.700	0.000 - 2.000	0.000 - 10.000
<input checked="" type="checkbox"/>		Δ Abs		0.000 - 2.000	0.000 - 99.000
<input checked="" type="checkbox"/>		ng/mL	0.000 - 150.00	0.000 - 2000.0	0.000 - 9999.0

Buttons: Analysis: Loading Setup, Calibration: Loading Setup, Acquisition: Setup, **Calculation: Setup**, [Green Checkmark]

Ready User: Admin 21.12.2021 - 14:37 Rev 03.01.04

Analysis QC Calibration Diagnostic Setup Utility

Calculation Setup

TEST ID: DD N c NORMALIZATION: $2 * \log (R/S)$

SCOPE: Sample Define Parameters

ALGORITHM TYPE: Delta Algorithm Delete Parameters

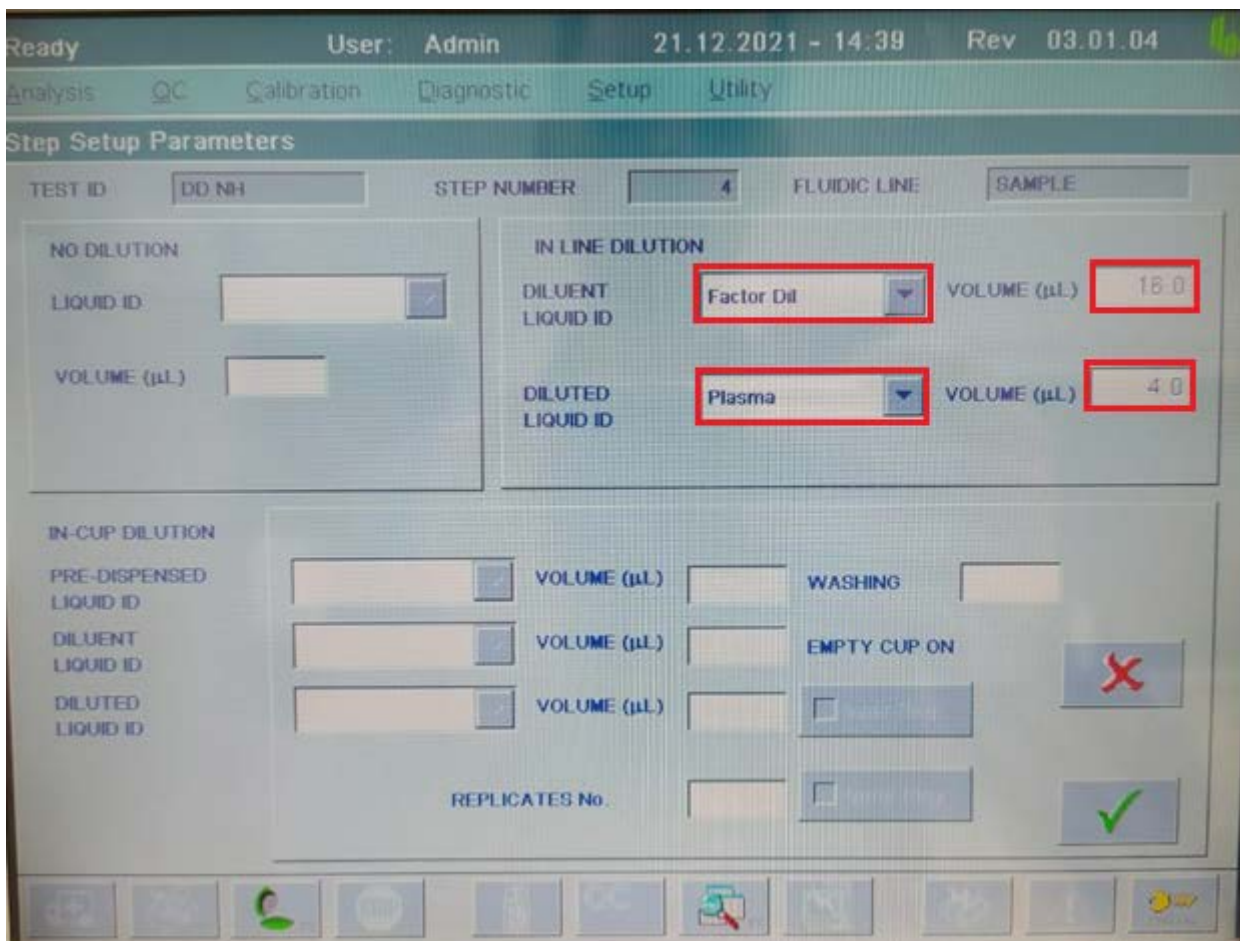
Buttons: Calculate Clean, Check Clean

UNITS	ALT. UNITS	RATIO	IMPORT REF. VALUE FROM	REFERENCE VALUE
offset		None	None	
Δ Abs		None	None	
ng/mL		None	None	

Buttons: [Green Checkmark], Acq. Data Checks, Calibration Setup, [Red X], [Green Checkmark]

Настройка теста с дополнительным разведением образцов (D-dimer High)

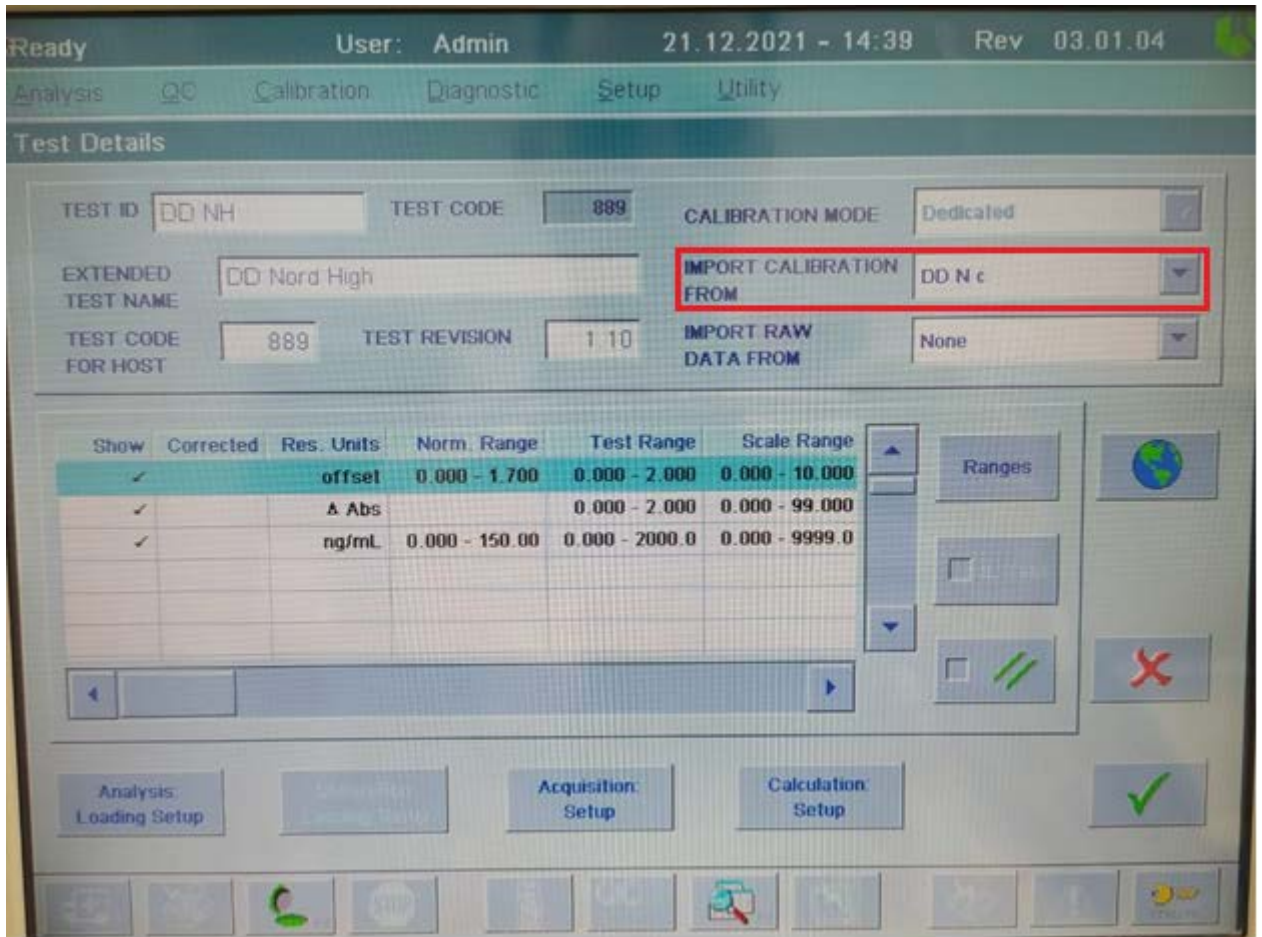
Для корректного измерения образцов с высоким содержанием Д-димеров необходимо настроить тест с предварительным переразведением образца. Для этого созданный тест необходимо скопировать по методике, описанной вначале методических рекомендаций изменив соотношение реагентов для методики анализа. Для этого в меню теста нажать **Analysis: Loading Setup**, выбрать шаг 4 и произвести настройки в соответствии со скриншотом ниже:



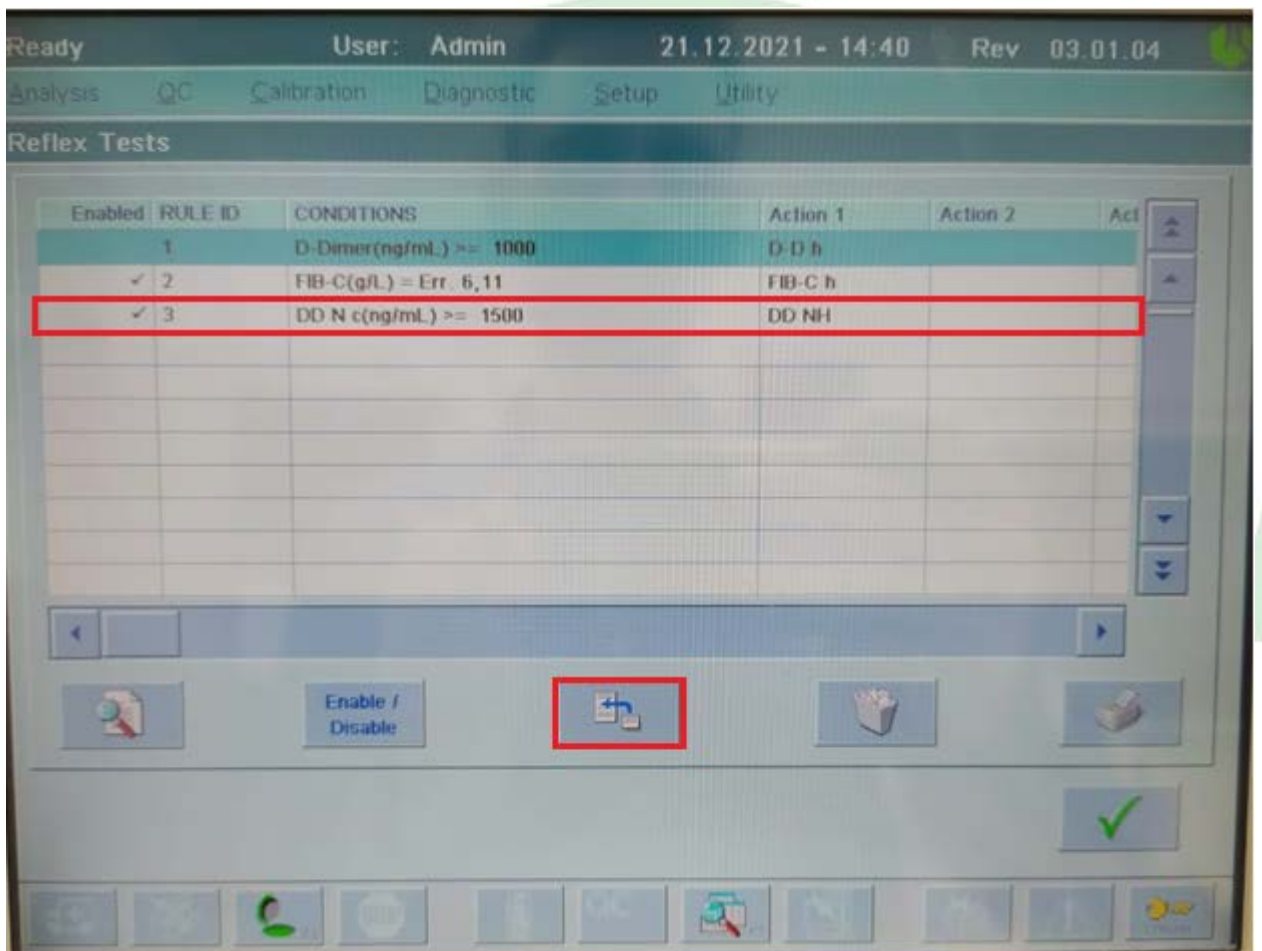
Также необходимо в главном окне настройки теста в окне **Import Calibration From** выбрать наименование основного теста, созданного ранее

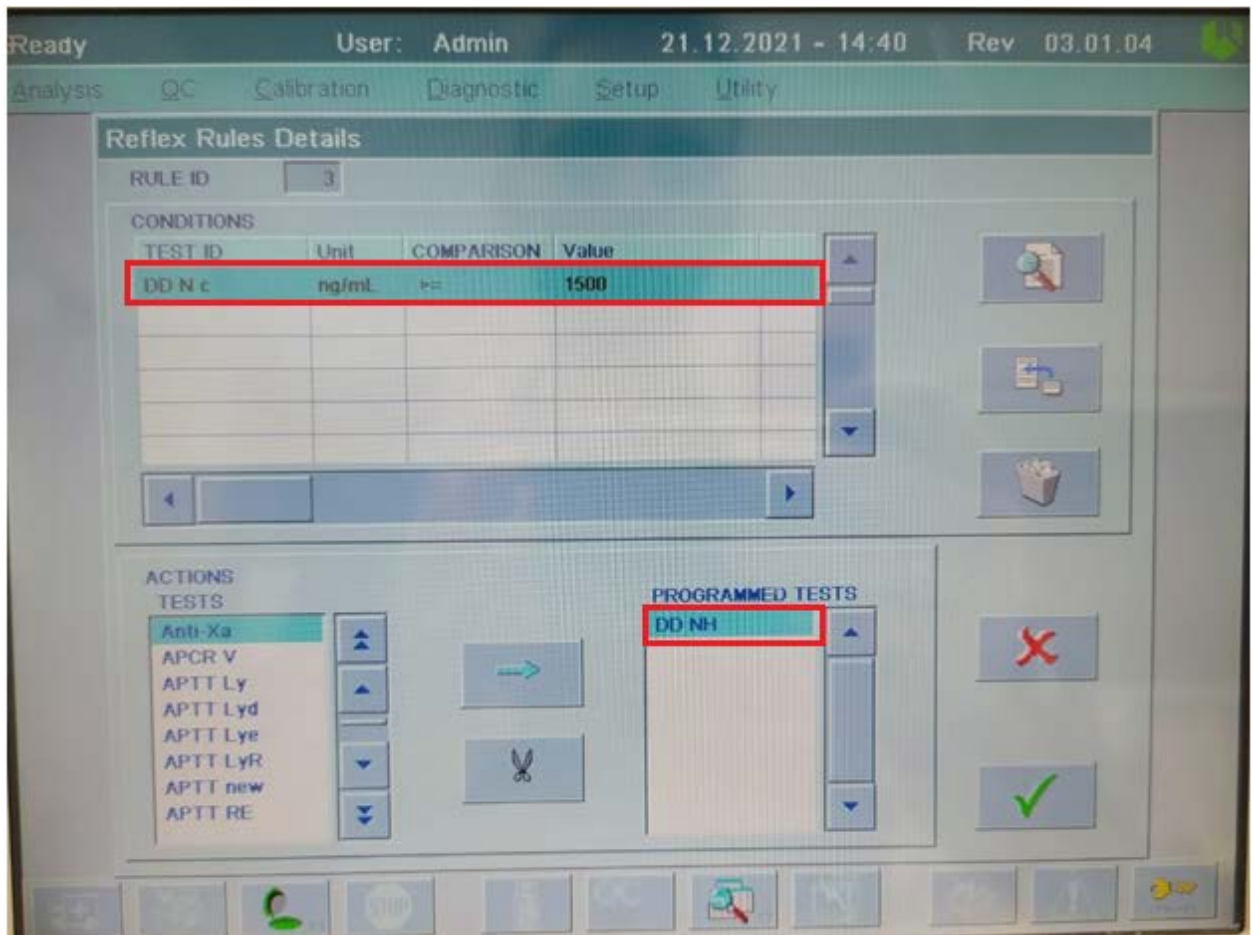


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Для корректной работы и связи тестов необходимо настроить правило переразведения.



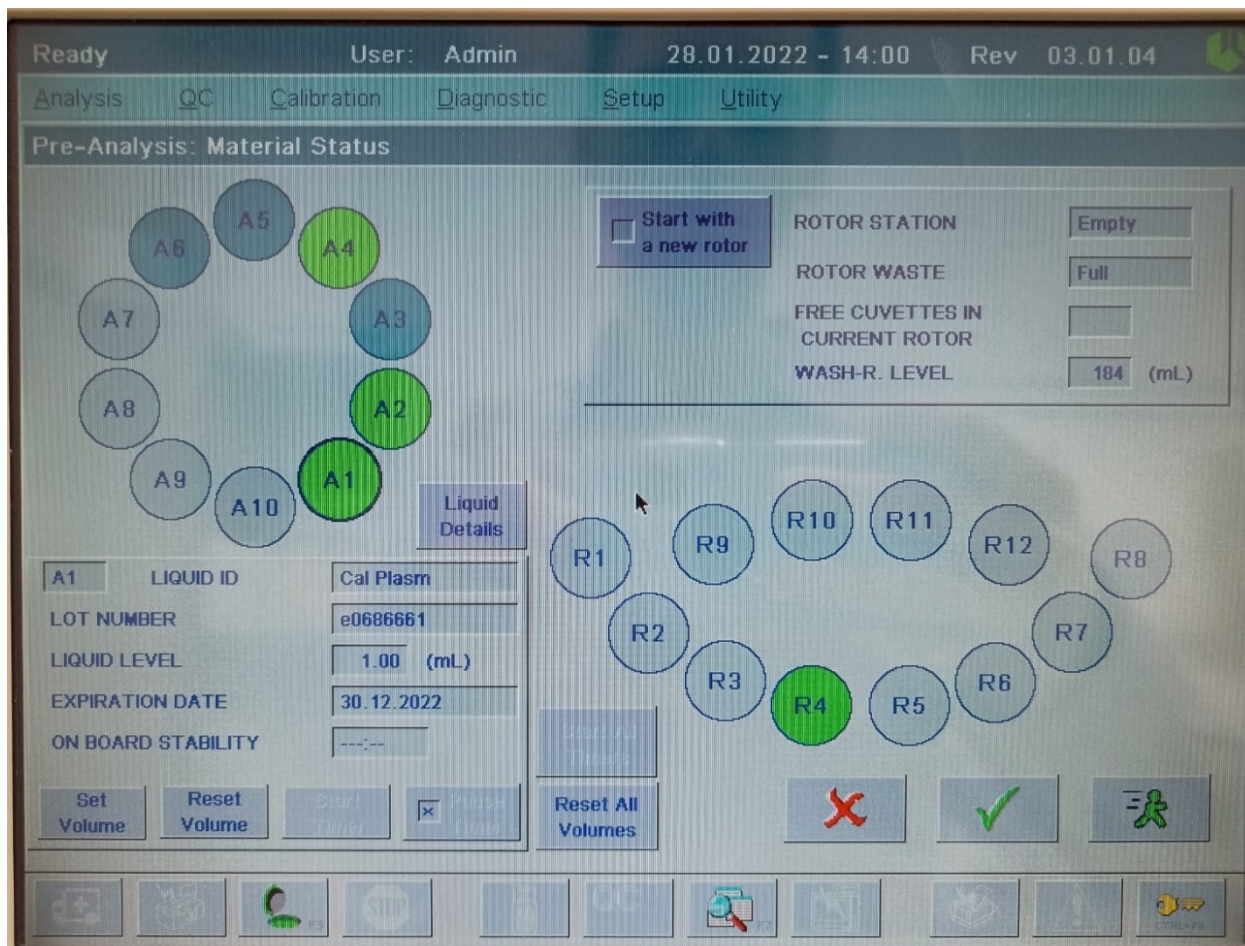


Калибровка теста:

Калибровка теста выполняется в соответствии с основными правилами работы на коагулометре. Для этого заходим в меню **Calibration – Calibrate**. Выбираем соответствующий тест для калибровки. Заходим в меню **Material Map** и расставляем реагенты на борту анализатора в соответствии с картой материалов. Нажав на позицию A1 и затем на кнопку **Liquid details** можно выставить значение содержания Д-димеров в плазме- калибраторе. Данное значение указано в паспорте на набор (нг/мл, DDU)



Instrumentation Laboratory ACL Elite Pro



Проведение анализа:

После проведения калибровки работа на приборе осуществляется по общепринятым правилам работы на данном коагулометре.

По всем возникающим вопросам просьба обращаться в группу адаптации по общим номерам телефона: +7 495 225 12 61, +7 499 705 12 61, +7 804 333 22 61.