

# STAGO RESULTING

Calculation override and resulting  
tests out of linear range

# When a Result is Outside Linear Range

**Result Entry - [YDS]**

File View Windows Specimen Test Print Help

Tech: 165 Lab Loc: PRP.ROUTINE.LAB Shift: 1

**4321** Name: TEST,PRPFOUR

DOB: 10/01/1987 (29Y) Sex: M Loc: P460-01

HID: PRP DX: AD cmt: User Defined Fields

Acc #: W115865 CID: Y289001212 More

Coll d/t: 01/18/2017 1405 Spec: Ord mod:

Rec d/t: 01/18/2017 1410 Ord loc: 4MED Spec cmt:

Ord phys: AUSFAHL,JAME... Req #: Ord cmt:

Specimen ID: W115865 Status: A Messages: Failed cup criteria

Cup: 90 Method: YSTAG1

Test	Result and Description	QA	File To	Test Messages
DDIMR	0.15-DDMRIN		Lab	RESULTS OUTSIDE THE VALIDATION RANGE-RESULTS OUTSIDE THE VALIDATION RANGE Result failure - Result flag A calculation is defined for this test and modification is not allowed. To modify the result without applying the calculation, you may select calculation override, if security permits and then modify the result or result the test using test mode. To modify the result and have the system apply the calculation to the modified result,select instrument override and then modify the result.

Display Prev

Failure Key

- Techn @
- Verify ^
- User &
- Normal \*
- Delta :
- Pattern :
- IFlag :
- IRange :
- Gen :
- QC :

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Save Close

User Security

# Outside Linear Range

The screenshot shows a laboratory information system (LIS) interface. The main window displays patient information and test results. The patient's name is TEST,PRPFOUR. The test result for D-Dimer is 0.15, which is outside the linear range. The interface includes a table of test results and a 'Test Messages' column. The test messages contain instructions for handling the result.

Test	Result and Description	Qn	File To	Test Messages
0009	0.15			RESULTS OUTSIDE THE VALIDATION RANGE-RESULTS OUTSIDE THE VALIDATION RANGE Result failure - Result flag A calculation is defined for this test and modification is not allowed. To modify the result without applying the calculation, you may select calculation override, if security permits and then modify the result or result the test using test mode. To modify the result and have the system apply the calculation to the modified result,select instrument override and then modify the result.

- Make note of the comments in the column on the right under Test Messages.
- In this example the statement is “Result Outside the Validation Range” **Note: D-Dimers no longer cross as “???”**
- Instructions for what to do with this result is listed as “To modify the result without applying the calculation, you may select **calculation override.**”

# In the tool bar select “Test”

test

The screenshot shows a software window titled 'Result Entry - [Y05]'. The menu bar includes 'File', 'View', 'Windows', 'Specimen', 'Test', 'Print', and 'Help'. The toolbar contains icons for 'IDS' and 'Test'. The main area displays specimen information: Name: TEST, PRPFOUR; Acc #: W115865; CID: Y289001212. Below this, there are fields for 'Specimen ID' (W115865), 'Status' (A), and 'Method' (YSTAG1). A table with columns 'Test', 'Result and Description', 'QA', and 'File To' is visible. The table contains one row for test 'DDOR' with a result of '0.15-20M30' and a message: 'RESULTS OUTSIDE THE VALIDATION RANGE-RESULTS OUTSIDE THE VALIDATION RANGE. Result failure - Result flag. A calculation is defined for this test and modification is not allowed. To modify the result without applying the calculation, you may select calculation override, if security permits and then modify the result or result the test using test mode. To modify the result and have the system apply the calculation to the modified result select instrument override and then modify the result.'

- When you click on test in the toolbar, the second choice is Calculation Override
- Select Calculation Override
- Then enter the field that has the non-linear result & delete result
- Enter the >(maximum) or <(minimum) linear limit result for that test
- Tab through the fields and save the result accepting the out of range message.

# Changing non-linear results for PT, PTT & Fibr

The screenshot shows a laboratory information system (LIS) interface. The main window displays test results for a patient named TEST, PRPFOUR. The test results table is as follows:

Test	Result and Description	QA	Test Messages
PT			INVALID INSTRUMENT CODE INVALID CODE Result failure - Invalid result General result failure
PTT	NO RESULT (HLANK-0452-PT30-PT304-PT305-PT306) .....THERAPEUTIC RANGE- Patients on standard dose for treatment.		A calculation is defined for this test and modification is not allowed. To modify the result without applying the calculation, you may select calculation override, if security permits and then modify the result or result the test using test mode. To modify the result and have the system apply the calculation to the modified result, select instrument override and then modify the result.
PTT			Unable to complete calculation for PTT. No results found for the following tests: PTT. Test left pending.

The interface also includes a sidebar with navigation options: Teacher, Verify, User, Normal, Order, Pattern, Flag, Change, Gen, QC.

- For PT, PTT & Fibr-out of linear limit results will cross as “NO RESULT”
- Enter the field-(No calculation override required)
- Remove the “NO RESULT” and add the correct result(<min or >max) based on the linear range for that test