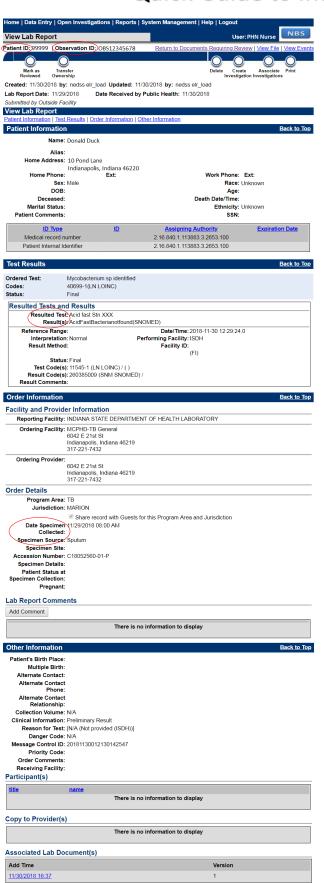# Quick Guide to Interpreting TB Labs in NBS

The first section of data provides information about the lab electronic process and patient demographics. **Patient ID** and **Observation ID** (circled) are 2 identifiers that can be used to find the patient or lab in NBS.
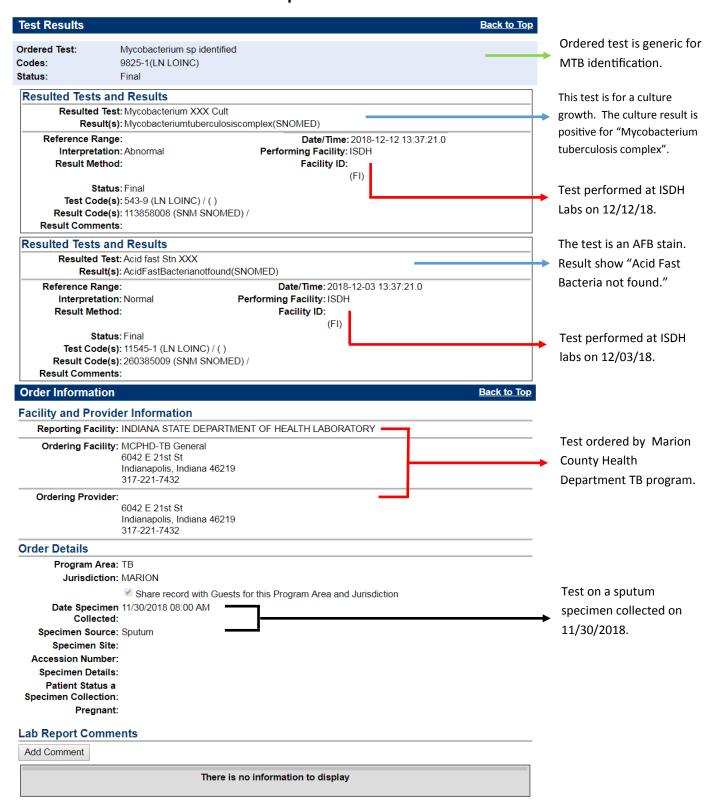
Patient demographics can be found under Patient Information. This also includes IDs for the Medical Record Number, Account Number or Patient Internal Identifier (or the lab ascension number).

Lab tests and results will be displayed under Test Results Section of the lab report. The two fields that will be important to look at are **Resulted Test** and **Result(s)**. The Resulted Test will identify the specific test that was performed and the **Result(s)** will display the result of that test. Other information regarding lab date and facility is also found here.

Order Information provides information about ordering provider and facility. The section will also contain information about the **specimen collected** (circled) for the test including the type of specimen and the date it was collected. The lab ascension number can also be found here.

The Other Information section provides further demographic information about the patient and lab.
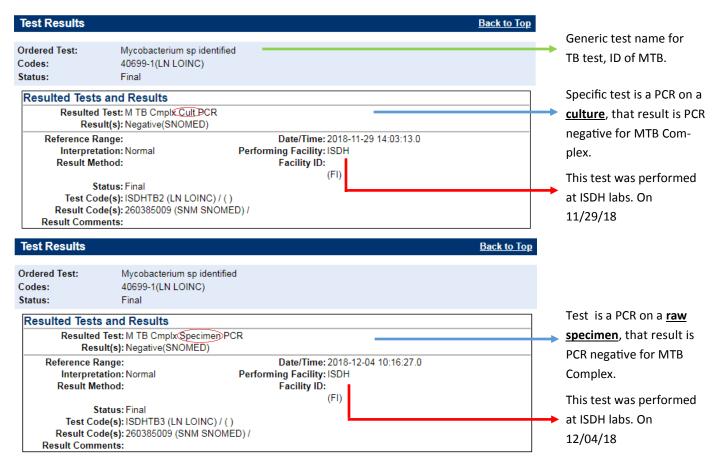
Example of TB Labs in NBS

Test Results   Back to Top

Ordered Test:	Mycobacterium sp identified
Codes:	9825-1(LN LOINC)
Status:	Final

Ordered test is generic for MTB identification.

Resulted Tests and Results

Resulted Test: Mycobacterium XXX Cult
Result(s): Mycobacteriumtuberculosiscomplex(SNOMED)

Reference Range:	**Date/Time:** 2018-12-12 13:37:21.0
Interpretation: Abnormal	**Performing Facility:** ISDH
Result Method:	**Facility ID:**
	(FI)
Status: Final	
Test Code(s): 543-9 (LN LOINC) / ( )	
Result Code(s): 113858008 (SNM SNOMED) /	
Result Comments:	

This test is for a culture growth. The culture result is positive for "Mycobacterium tuberculosis complex".

Test performed at ISDH Labs on 12/12/18.

Resulted Tests and Results

Resulted Test: Acid fast Stn XXX
Result(s): AcidFastBacterianotfound(SNOMED)

Reference Range:	**Date/Time:** 2018-12-03 13:37:21.0
Interpretation: Normal	**Performing Facility:** ISDH
Result Method:	**Facility ID:**
	(FI)
Status: Final	
Test Code(s): 11545-1 (LN LOINC) / ( )	
Result Code(s): 260385009 (SNM SNOMED) /	
Result Comments:	

The test is an AFB stain. Result show "Acid Fast Bacteria not found."

Test performed at ISDH labs on 12/03/18.

Order Information   Back to Top

Facility and Provider Information

Reporting Facility:	INDIANA STATE DEPARTMENT OF HEALTH LABORATORY
Ordering Facility:	MCPHD-TB General
	6042 E 21st St
	Indianapolis, Indiana 46219
	317-221-7432
Ordering Provider:	
	6042 E 21st St
	Indianapolis, Indiana 46219
	317-221-7432

Test ordered by Marion County Health Department TB program.

Order Details

Program Area:	TB
Jurisdiction:	MARION
	☑ Share record with Guests for this Program Area and Jurisdiction
Date Specimen Collected:	11/30/2018 08:00 AM
Specimen Source:	Sputum
Specimen Site:	
Accession Number:	
Specimen Details:	
Patient Status a Specimen Collection:	
Pregnant:	

Test on a sputum specimen collected on 11/30/2018.

Lab Report Comments

[Add Comment]

There is no information to display

Ordered Test: Broad information about test(s) ordered.

Resulted Test and Results: Detailed information for test and test results. Text may appear in **Reference Range** and may look like a result but is not, make sure to use text in **Result(s)** field.

Facility and Provider Information: Provides information about facility and provider

Order details: Provides information regarding specimen collection and source.

Test Results

Ordered Test:	Mycobacterium sp identified
Codes:	40699-1(LN LOINC)
Status:	Final

Resulted Tests and Results

Resulted Test: M TB Cmplx Cult PCR
Result(s): Negative(SNOMED)

Reference Range:		Date/Time: 2018-11-29 14:03:13.0
Interpretation: Normal		Performing Facility: ISDH
Result Method:		Facility ID:
		(FI)
Status: Final		
Test Code(s): ISDHTB2 (LN LOINC) / ( )		
Result Code(s): 260385009 (SNM SNOMED) /		
Result Comments:		

Generic test name for TB test, ID of MTB.

Specific test is a PCR on a **culture**, that result is PCR negative for MTB Complex.

This test was performed at ISDH labs. On 11/29/18

Test Results

Ordered Test:	Mycobacterium sp identified
Codes:	40699-1(LN LOINC)
Status:	Final

Resulted Tests and Results

Resulted Test: M TB Cmplx Specimen PCR
Result(s): Negative(SNOMED)

Reference Range:		Date/Time: 2018-12-04 10:16:27.0
Interpretation: Normal		Performing Facility: ISDH
Result Method:		Facility ID:
		(FI)
Status: Final		
Test Code(s): ISDHTB3 (LN LOINC) / ( )		
Result Code(s): 260385009 (SNM SNOMED) /		
Result Comments:		

Test is a PCR on a **raw specimen**, that result is PCR negative for MTB Complex.

This test was performed at ISDH labs. On 12/04/18

Note: ISDH can perform PCR on a culture or a raw specimen. The Resulted Test field will have a text that identifies if it is for Culture or Specimen as shown above.

Test Results

Ordered Test:	AFB Stain
Codes:	11545-1(LN LOINC)
Status:	Final

Resulted Tests and Results

Resulted Test: AFB Stain(AFB Stain)
Result(s): AcidfastbacilliSmearPositive(SNOMED)

Reference Range:		Date/Time: 2018-11-29 14:35:25.0
Interpretation: Abnormal		Performing Facility: Columbus Reg Hosp
Result Method:		Facility ID: 15D0359622
		(FI 2.16.840.1.113883.4.7)
Status: Final		
Test Code(s): 11545-1 (LN LOINC) /167 (L LOCAL)		
Result Code(s): 243365003 (SNM SNOMED) /		
Result Comments:		

Note: Test names can differ depending on where the test is performed. For example, this test from Columbus Regional Hospital is labeled as AFB stain and labeled as such in the Ordered Test, where as ISDH labs uses "Mycobacterium sp Identified" as Ordered Test name for their TB tests.

*Not all lab results will come into the NBS system looking clean like the ones in this guide. There can be missing information, wrong test codes, data being inputted into the wrong fields, truncated results and other issues that may lead to a lab not being interpreted correctly. Any lab issues should be directed to the ISDH TB Program.