

Test Structure Guide

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This guide describes the components and relationships that make up the **Tests** in *CoreOne for Labs*. These Test components are available in the **Reference Data** menu.

We know how imperative test structure maintenance is for your organization. Each component section links to step-by-step instructions for managing that component of the test structure.

Note: *It is recommended that very few users have these privileges assigned to their role.*

For a diagram of the tables involved in Test Structure, please visit our [Technical Test Structure Guide](#)

Overview

The following table summarizes the reference data components that relate to **Tests**.

Component	Summary Description
Test Family	The family to which a test belongs e.g. many tests can belong to the family 'Culture'
Test	This is a test that is provided by a laboratory
Test Schedule	Details of where, when, and the turnaround time that a test is available at certain laboratories
Test Result Definitions	These items define the results that may be entered for a test e.g. a Culture test could be defined to accept results for Isolate, Growth, and Pathogenic Significance
Test Result Parameters	These are parameters for certain tests which define rules depending on taxonomy e.g. the 'normal' range for a test result may have varying upper and lower limits depending on an animal's species, sex, age etc.

Test Families

The **Test Family** component is a group to which a number of Tests can belong. For example, many tests can belong to the family 'Culture'.

When you select **Test Families** from the **Reference Data** menu, the Test Families Index page is displayed.

Test Families are separated into two tabs: **Index** and **Deleted**.

The **Index** tab lists currently available Test Families.

The **Deleted** tab lists Test Families that have been 'deleted'. These can still be viewed and reinstated if required.

The column headings can be used to sort Test Families and the 'Search' box can be used to filter the list.

The screenshot shows the 'Test Families' page in the CoreOne for Labs application. The page has a dark header with navigation links: Home, Reference Data, Configuration, and Universal Search. A search bar is located at the top right. Below the header, the page title 'Test Families' is displayed, along with a 'New' button. A search bar and a 'Search' button are present. Below the search bar, there are tabs for 'Index' and 'Deleted'. The main content area displays a table of test families, with a message 'Displaying Test Families 1 - 10 of 125 in total'. The table has columns for Short Name, Long Name, and Active status. The 'Active' column shows 'Yes' for all listed test families. The table lists 10 test families: AGGL, AGID, Automated Analyzer, Automated Microscopy, Automated Photometry, Card Agglutination, cELISA, Cell Culture, CF, and ChL. Each row has a set of icons for editing and deleting. At the bottom of the table, there are pagination controls showing '1 2 3 4 5 ... Next > Last >'. The footer of the page contains copyright information: 'Trace First Limited 2011-2020. All rights reserved. v5.3.34.1' and 'Trace First Ft Collins'.

Short Name	Long Name	Active
AGGL	Agglutination	Yes
AGID	Agar Gel Immunodiffusion	Yes
Automated Analyzer	Automated Analyzer	Yes
Automated Microscopy	Automated Microscopy	Yes
Automated Photometry	Automated Photometry	Yes
Card Agglutination	Card Agglutination	Yes
cELISA	Competitive Enzyme-Linked Immunosorbent Assay	Yes
Cell Culture	Cell Culture	Yes
CF	Complement Fixation	Yes
ChL	Chemiluminescence	Yes

For more details on **Test Families**, please visit our [How to Manage Test Families](#) article.

Tests

The **Test** component is any Test provided by a laboratory.

When you select **Test** from the **Reference Data** menu, the Test index page is displayed.

Tests are separated into two tabs: **Index** and **Deleted**.

The **Index** tab lists currently available Tests.

The **Deleted** tab lists Tests that have been 'deleted'. These can still be viewed and reinstated if required.

The column headings can be used to sort Tests and the 'Search' box can be used to filter the list.

CoreOne for Labs

https://demo.labs.tracefirst.com/tests

Training ddeknight@tracefirst.com

Home Reference Data Configuration Universal Search

Home > Tests

Tests

Search

Search

Index Deleted

Displaying Tests 1 - 10 of 715 in total

Short Name	Long Name	Test Family	Default Price	Active	
0000	Sample Not Tested		\$0.00	Yes	
1000	Out of Lab Test		\$0.00	Yes	
1001	4-Aminopyridine (GC/MS)	Gas Chromatography Mass Spectrometry	\$80.00	Yes	
1002	Aflatoxin (ELISA)	Enzyme-Linked Immunosorbent Assay	\$50.00	Yes	
1003	Ammonia (Distillation)	Distillation	\$35.00	Yes	
1004	Anticoagulant Rodenticides (LC/MS)	Liquid Chromatography Mass Spectrometry	\$110.00	Yes	
1005	Arsenic - Inorganic (Reinsch)	Reinsch	\$25.00	Yes	
1006	Arsenic (ICP/MS)	Inductively Coupled Plasma Mass Spectrometry	\$20.00	Yes	
1007	Beetle Identification (Microscopy)	Microscopy	\$15.00	Yes	
1008	Bone Density (Gravimetric)	Gravimetric	\$55.00	Yes	

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For more details on **Tests**, please visit our [How to Manage Tests](#) article.

Test Schedules

The **Test Schedules** component defines where and when a Test is performed at particular laboratories, the turnaround time, any reflex tests, and any automatic fees for the Test at each laboratory.

Manage Test Schedule

×

Lab *

Fort Collins (FC)

Lab Section *

FC: Molecular Diagnostics (M)

Days

Mon

Tues

Wed

Thurs

Fri

Sat

Sun

Turnaround time

1-2 days

Maximum turnaround time

48

↑

↓

hours

Summary labels

☐

Print summary label

Run as panel only

☐

Active

☒

Will also affect dependent records

Report format

simple table

Reflex Tests

Avian Influenza Virus Subtype H5 (rtPCR) (1243)(Fort Collins Molecular Diagnostics)

Q

×

Avian Influenza Virus Subtype H7 (rtPCR) (1244)(Fort Collins Molecular Diagnostics)

Q

×

Please choose a Reflex Test

Q

×

⊕ Add Reflex Test

* Indicates required field

Save

The Test Schedule information is located under the Test details. For example, **Reference Data > Tests > View** the Test details and scroll to the bottom to see the Test Schedule's blue-shaded bar.

Note: Test Result Definitions are designed at the **Test Schedule** level.

For more details on **Test Schedules**, please visit our [How to Manage Test Schedules](#) article.

Test Result Definitions

The **Test Result Definitions** component defines the results that may be entered for a Test. For example, a Culture Test could be defined to accept results for Isolate, Growth, and Pathogenic Significance.

The Test Result Definition information is located under the Test details, under a **Test Schedule** blue-shaded bar. For example: **Reference Data > Tests > View** the Test details and scroll to the bottom.

The screenshot displays the 'CoreOne for Labs' web application interface. The browser address bar shows the URL 'https://dev.labs.tracefirst.com/tests/3802'. The main content area is divided into two sections, each representing a different lab location: 'Lab: TFMDL - Moira' and 'Lab: Fort Collins'. Both labs are associated with the 'Molecular Diagnostics' section and have a 'Turnaround' time of '1-4 days'. Under each lab, there is a 'Test Result Definitions' section. For each definition, there are two parameters: a 'Dropdown' result with a value of 'M.Detected/NotDetected' and a 'Priority' of '1.0', and a 'Decimal Value' result with a value of 'Ct Value' and a 'Priority' of '1.1'. At the bottom of the interface, there are four buttons: 'Add Test Schedule', 'Edit', 'Copy Test', and 'Delete'. The footer of the application shows 'Trace First Limited 2011-2020. All rights reserved. v5.3.34.2' and 'Trace First Ft Collins'.

Test Result Definitions can be different at different lab locations.

For more details on **Test Result Definitions**, please visit our [How to Manage Test Result Definitions](#) article.

Test Result Parameters

The **Test Result Parameters** component sets the specific parameters for certain Test Result Definitions. For example, the “Normal” range for a Test Result Definition may have varying upper and lower limits depending on an animal's species, sex, specimen type, and/or age.

Manage Test Result Parameter ✕

Taxon	<input type="text" value="Choose one of the following..."/>
Sex	<input type="text" value="Choose one of the following..."/>
Specimen type	<input type="text" value="Choose one of the following..."/>
Specimen type description	<input type="text" value="Choose one of the following..."/>
Lower age limit	<input type="text"/>
Higher age limit	<input type="text"/>
Ref range from	<input type="text"/>
Ref range to	<input type="text"/>
Active	<input checked="" type="checkbox"/>

** Indicates required field*

A Test Result Definition can be created and set to 'Range' or 'Canned Comment' to enable the ability to set additional, more specific parameters.

If a Test is configured with Test Result Parameters, the parameters are displayed in the **Test Result Definitions** section for the particular Test.

The screenshot displays the 'CoreOne for Labs' web application. The browser address bar shows 'https://dev.labs.tracefirst.com/tests/3833'. The interface is divided into two main sections for different labs: 'Lab: TFMDL - Moira' and 'Lab: Fort Collins'. Each section has a 'Test Result Definitions' tab. Under this tab, there are sub-tabs for 'Range', 'Result', 'Reference Range', 'Unit of Measure', and 'Priority'. The 'Range' sub-tab is currently selected, showing various settings for the test result range, including 'Column Width', 'Final Answer', 'Required Answer', 'Hide Range Graphic', 'Suppress in Client Report', 'Use for Invoice Quantity', 'Modifier', and 'Active' status. The 'Active' status is set to 'Yes' for both labs. At the bottom of the interface, there are buttons for 'Add Test Schedule', 'Edit', 'Copy Test', and 'Delete'.

Visit our [How to Manage Test Result Parameters](#) article for step-by-step instructions on creating, editing, and deleting **Test Result Parameters**.

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