



# CareAlign Lab Configuration: A Quick Guide

## Integrating Lab Tests

Prior to implementing CareAlign at a new site, ICA integration engineers work with clients to create and enter lab test information into the application. In order to do this, your integration engineer will send you a spreadsheet to complete. You will be asked to enter the following information for each lab test:

- hl7 Code: Enter the hl7 code your lab uses to identify the test.
- Test Name: Enter the name of the test.
- Description: Enter a description. This may be the same as the test Name.
- Category: Choose from a drop-down menu of predefined categories within CareAlign. These include:
  - Chemistry
  - Toxicology
  - Respiratory
  - Hematology
  - Blood Gases
  - Microbiology
  - Pathology
  - Coagulation
  - Urine Studies
  - Reference Lab
  - Body Fluids
  - Blood Bank
  - Misc
  - Uncat (uncategorized)
- Sequence: This allows you to arrange the lab tests in an order that makes sense for your organization. For example, you can group tests by category and then order them alphabetically, or by frequency of use.

hl7 Code	Name	Description	Category Name	Sequence
			Hematology	
			Chemistry	
			Hematology	
			Blood Gases	
			Microbiology	
			Pathology	

Once this data is integrated into CareAlign, Labs will be organized according to your entries. When you select Labs in a Patient Chart and choose a category, you will see results for the tests you placed in that category.

Serology	Grid View	Make this view the default for Serology					
Chemistry	Serology	RETIC COUNT	OXYGEN SATURATION	ACTH, PLASMA	CYSTINE, QNT. UR	CREAT PER DAY, UR	METHEMOGLOBIN DI
Toxicology/TDM	11/11/09 12:24	-	See 0 <a href="#">C</a>	-	-	-	-
Hematology	09/24/09 20:38	See 0 <a href="#">C</a>	-	-	-	-	See 0 <a href="#">C</a>
Blood Gases							
Microbiology							

## Managing Lab Configuration

If you are a Vault Administrator or Super User, you can use Lab Config to edit, create, and delete lab tests. Choose **Tools > Administration > Lab Config** in the side navigation to view your lab configuration screen. From here you can search for a lab test, sort by column headings, or create a new lab test.

Lab Configuration					
Create new lab test   <input type="text"/>		Search <input type="button" value="Clear"/>		Page 1 of 7 Pages <a href="#">→</a>	
ID	HL7 Code	Name	Description	Category	Sequence
9	HCO3	BICARBONATE	BICARBONATE	Chemistry	8962808
10	MEHB	METHEMOGLOBIN	METHEMOGLOBIN	Serology	45983423

### Create a New Lab Test

From the Lab Config home screen, click **Create new lab test** to add a new lab test. Enter the HL7 Code, Name, Description, and Sequence. Choose a Category and click **Save**.

**Create Lab Test**

HL7 Code:

Name:

Description:

Sequence:

Category:

**Save**

### Edit or Delete a Lab Test

Lab tests that are not in the compendium will appear as “Uncategorized,” and therefore may not appear correctly in a patient’s lab results. To ensure that tests and results appear in the correct category, conduct a search for Uncategorized. Click an **ID** to view details for that lab test.

**Lab Configuration**

Create new lab test |  **Search** **Clear**

ID	HL7 Code	Name
41	GGT	GGT
52	CTUR	CREATININE, RANDOM UR

Choose **Edit Lab Test** to make changes. From the **View Lab Test** screen, you can also choose **Delete Lab Test** to remove a test from your lab compendium or **Home** to return to the lab configuration home screen.

**View Lab Test**

**Home** | **Edit Lab Test** | **Delete Lab Test**

HL7 Code: CTUR

Name: CREATININE, RANDOM UR

Description: CREATININE, RANDOM UR

Sequence: 39162103

Category: Uncategorized

Use the drop-down menu to select a new category and edit any other details, if necessary. Click **Save**.

**Edit Lab Test**

HL7 Code:

Name:

Description:

Sequence:

Category:

**Save**

If you have additional questions about your lab configuration, contact your ICA Client Manager.