**TMT location:**

1. Log in to TMT (<http://vtest11.wustl.edu:8080/catissuetmt/Home.do>).
2. Select Test cases tab.
3. Expand caTissue product from the tree view.
4. Expand Mater List-v2.0 version
5. Expand Biospecimen Component
6. Expand Specimen test area
7. Select Test case ID 390 with short title Label\_Generation\_No\_Tokens\_Specified

**Purpose:**

**To ensure user can manually specify labels if label formats are not specified at CP details and specimen requirements page.**

**Prerequisites:**

Import latest dump located at

Oracle: https://ncisvn.nci.nih.gov/svn/catissue\_persistent/caTissue Database Dump/v2.0/Oracle

MySQL: https://ncisvn.nci.nih.gov/svn/catissue\_persistent/caTissue Database Dump/v2.0/MySQL and deploy application.

Modify the label generator. Properties file located at caTISSUE\_HOME/catissuecore-properties/. Set the value of property specimenLabelGeneratorClass to specimenLabelGeneratorClass=edu.wustl.catissuecore.namegenerator.DefaultTemplateLabelGenerator.Redeploy the application and restart the application server.

Modify the PrintServiceImplementor.properties file located at caTISSUE\_HOME/catissuecore-properties for following.

PrintWebServiceEndPoint= http ://< ipaddress: portNo>/caTissuePrintWebService/Print? Wsdl>

(This is the URL of Print Web Service, where IP address and port is of the server where print web service is deployed.)

Specimen=edu.wustl.catissuecore.printservicemodule.WashuSpecimenLabelPrinterImpl

Specimencollectiongroup=edu.wustl.catissuecore.printservicemodule.WashuSpecimenCollectionGroupLabelPrinterImpl.

Note: Refer the page at <https://cabig-kc.nci.nih.gov/Biospecimen/KC/index.php/Label_Printing> for web-service deployment.

Place print\_rules.xls inside JBOSS-HOME (Print server)/print/print rules .Please use the print.xlsx located at https://ncisvn.nci.nih.gov/svn/catissue\_persistent/caTissueDocs/trunk/TestCases/Manual/print\_rules.xls

**Procedure:**

1. Login as super administrator ([admin@admin.comTest123](mailto:admin@admin.comTest123)).
2. Navigate to Biospecimen Data🡪Collection Protocol Based view. Select collection protocol “***CAKUT***” from the ***Collection protocol*** drop-down list.
3. Select participant “***Jeff, Jeff***” from the ***Participant*** (***Protocol ID***) drop-down. Refer the expected Output.
4. From the L.H.S>>***Specimen Details***>>Select the anticipated specimen collection group with study calendar event point as ***T1.0; One Time Collection***. Refer the expected Output.
5. On R.H.S🡪***Edit Specimen Collection Group page***🡪Enter ***collection site*** as ***Laboratory for translational pathology core*** and ***collection status*** as ***Complete***. Click on Submit. Refer the expected Output.
6. On ***Specimen Details*** page, check the check-boxes next to ***Coll?*** And ***Print*** for all the parent and child specimens. Enter labels for parent and child specimens. Click on Submit. Refer the expected Output.
7. From the Edit Specimen Collection group page, uncheck the check-box for Specimen entry based on collection protocol. Enter number of specimens as 5. Click on Add multiple specimens. Refer the expected Output.
8. Enter specimen labels as DEF\_1… Click on Submit.
9. From the Edit Specimen Collection group page, uncheck the check-box for Specimen entry based on collection protocol. Click on Add specimen. Refer the expected Output.
10. Enter specimen labels as FGH\_1.Click on Submit.
11. Navigate to Biospecimen Data-🡪Specimen🡪Aliquot page. Enter parent specimen label of the specimen collected in step6. Enter count as 5, quantity as 0.1. Refer the expected Output.
12. Enter specimen labels as GHI\_1,…Click on Submit.
13. Navigate to Biospecimen Data-🡪Specimen🡪Derive page. Enter parent specimen label of the specimen collected in step6. Refer the expected Output.
14. Enter specimen labels as HIJ\_1.Click on Submit.

**Expected Output:**

3 Edit participant page should be displayed on R.H.S and Specimen Details tree on L.H.S should display event points as:

* ***T1.0; One Time Collection.***

4 Edit Specimen Collection group page should be displayed on R.H.S.

5 “***Specimen Collection Group successfully updated***.” message should be displayed at the top of the page and Specimen Details page should be displayed with Specimen Details, Derivative Details and the Aliquot Section. The label text-boxes for parent, derivatives and aliquots should be empty for user to provide specimen labels. The event icon for ***T1.0; One Time Collection*** should turn golden-brown.

6 Edit specimen collections Group page should be displayed, a message should be shown as “***Printed successfully***”. Specimen labels should be printed in order of specimen identifier. The specimen icon for collected specimens should turn pink. From the specimen details section on L.H.S Verify the labels generated for the specimens.

Verify the .cmd files generated at JBOSS-HOME/bin/print/printer. The .cmd file should show details as per the configured print.xlsx

8 Empty label edit boxes should be displayed. User should be able to enter labels of the specimens.

9 A message should be displayed as “Specimens created successfully”.

10 Empty label edit boxes should be displayed. User should be able to enter labels of the specimens.

11 A message should be displayed as “Specimens created successfully”.

12 System should auto-generate specimen labels, the labels generated should be <PSPEC\_LABEL>\_1, <PSPEC\_LABEL>-2.

13 A message should be displayed as “Aliquots created successfully”

14 Empty label edit boxes should be displayed. User should be able to enter labels of the specimens.

15 A message should be displayed as “Derivatives created successfully”