

User Story

Purification Lead plans for purification. Upon setting up for the plan, Purification Task (PT) is created. Planned schedule is then communicated via email.

Pre-condition

- Associated Expression Task(s) (ET) was created.

How to plan Purification Task

1 Find appropriate Request Set

- Cambridge:
<https://gdbio.pfizer.com:8092/gdbxt/requestSet/bepTrmsHome?protPrdctGrp=B-MD-BEP+TRNS>
- La Jolla:
<https://gdbio.pfizer.com:8092/gdbxt/requestSet/bepTrmsHome?protPrdctGrp=B-MD-LJ>

2 In the given Request Set page, upon selecting “Plan Purification” (Figure 1). Purification Task Form will load.

Figure 1

The screenshot shows the 'BEP Workflow' interface with tabs for 'Planning', 'Expression Tasks' (1), and 'Purification Tasks' (0). Below the tabs, there are buttons for 'Set Statuses for Selected', 'Group Sel', 'Plan Purification' (highlighted with a red box), and 'Schedule Purification Instruments'.

3 By default, all ETs will get pre-selected for a given RS. If different purification strategies are planned between them, select appropriate ET(s) for each strategy.

Select appropriate Purification Profile and update any info, if appropriate.

Figure 1

The screenshot shows the 'Purification Task General Information' form. It includes fields for 'Purification Profile' (Track 1 5ml ProA BEX), 'Purification Step Template' (Track 1 - 5ml ProA -> BEX), 'Expected Start Date' (06/17/2024), 'Expected Delivery Date' (06/24/2024), 'Target Delivery Amount (mg)' (100.0), 'Target Delivery Concentration (mg/ml)' (10.0), and 'Purification Scientist' (Choose a purification scientist...). There are also checkboxes for 'Deliver to an External Vendor' and 'Check in order to indicate delivery to an External Vendor'. At the bottom, there are buttons for 'Create Purification Tasks from Selected Expression Tasks' and 'Return to Request Set'.

4 Select “Create Purification Tasks from Selected Expression Tasks”. Upon successful submission, each selected RQ will have PT ID assigned (Figure 3).

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Figure 3

Task ID	RS ID	Req ID	TPP ID	TPP Name	Amount Requested	Parent PPBs	Output PPBs	Expression Tasks	Extern Vendor
<input checked="" type="checkbox"/> PT-37670	RS-25580	RQ-121745	TPP-83873	GBT-CD63-0020	100.0			ET-37650 06/17/2024	PEB-77207

Delete Selected Purification Tasks

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To notify the stakeholders with the planned schedule, return to the production page (Step 1) and select “Send Task Schedule Emails” located at the bottom of the page (Figure 4).

Figure 4

The screenshot shows a row of action buttons: 'Delete Selected Request Sets', 'Merge Selected Request Sets', 'Export Request Details', 'Order', 'Show Instrument Schedule', 'Send Task Schedule Emails' (highlighted with a red box), 'Send Completion Emails', and 'Send D'.

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- Select appropriate PT(s).
- Select “Select Notifications for Selected” (Figure 5).

Figure 5

The screenshot shows a notification selection interface. A button 'Send Notifications for Selected' is highlighted with a red box. Below it, a table lists request sets and their associated purification tasks. The 'PurificationTask' for RS-25580 (1) is highlighted with a red box.

Request Set	Project	Ppt Alias	Ppt Format	Requestor
<input checked="" type="checkbox"/> RS-25580 (1)	CD63			
<input checked="" type="checkbox"/> PurificationTask	CD63	GBT-CD63-0020	IgG	Seachol Oak
<input type="checkbox"/> RS-25578 (3)	Anti-CD79a			

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Email containing the schedule information will be sent to appropriate users (Figure 6).

Figure 6

Message from GDBxT

Scheduled tasks for RS-25580 Project CD63

Requested By: Seachol Oak

Rationale: 1st

Amount Requested: 100.0 mg

Please be sure that DNA is submitted to the expression group at least 1 week prior to the transfection date listed below

Expression Tasks

ET-ID	TPP Name	Transfection Date	Harvest Date	Volume	Vectors	Expression External Vendor
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Purification Tasks *Note that Anticipated Delivery is a rough estimate

PT-ID	TPP name	Start Date	Purification Profile	Anticipated Delivery*	Purification External Vendor
PT-37670	GBT-CD63-0020	06/17/2024	Track 2 5ml ProA SEC	07/01/2024	Not Applicable for Delivery

WHAT'S NEXT

- Purification Task can begin after the associated PEB is created.