



# Guide for IVE request submission

BEP RNA-IVE team

## IVE can be requested in 2 ways **(the eTLs should submit the request)**

- Genedata Biologics by entering PPB-number, clicking on 'Request IVE' in the gear icon drop down
- In GDBxT page, HTEP mRNA, BEP mRNA, or FRS production by clicking on a request, scrolling to the bottom to select PPBs and clicking on the 'Request IVE' button

## Your request can be confirmed by

- In GDBxT page, clicking "IVE analysis request sets → BEP IVE homepage
- Notification via email

[Genedata Biologics \(pfizer.com\)](#)

[Protein Production Home Page \(pfizer.com\)](#)

[Formulation Request Set List \(pfizer.com\)](#)

[View IVE Requests \(pfizer.com\)](#)

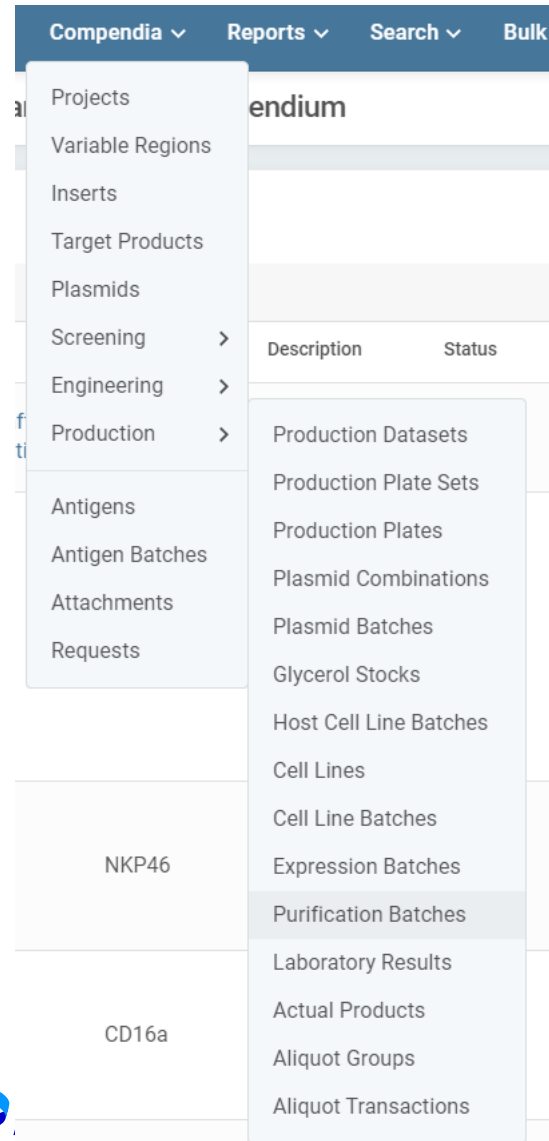
# By entering PPB number in Genedata

Enter your samples PPB number in search

The screenshot shows the Genedata Biologics web interface. At the top, there is a navigation bar with the Genedata Biologics logo, a search bar, and navigation links for Compendia, Reports, and more. Below the navigation bar, the main header displays a refresh icon, a dropdown arrow, a sample icon, the sample ID 'PEB-83484', a greater-than sign, the batch name 'Purification Batch PPB-101328 (MDPP-LNP\_BMD-IL12-1261\_DP-1)', an 'Edit' button, a lightning bolt icon, and a menu icon. A red arrow points to the menu icon. Below the header, there is a row of action buttons: 'Submit CoA', 'Create/Link APP', 'Unlink APP', 'Register', 'Derive/Split', and a gear icon. A red arrow points to the gear icon. A dropdown menu is open from the gear icon, listing several options: 'Register PF Number for Purification Batch', 'Add PPBs to Existing Analysis Request Set', 'Alignment and properties export', 'Request Formulation for RNA', 'Request IVE', and 'Request Mass Spec Analysis'. A red arrow points to the 'Request IVE' option. On the left side of the main content area, there is a 'Details' section with a table of information.

<b>ID</b>	PPB-101328
<b>Name</b>	MDPP-LNP_BMD-IL12-1261_DP-1
<b>Description</b>	Cholesterol:38.5% DLin-MC3-DMA:50% DSPC:10% PEG2000-DMG:1.5%
<b>Locked</b>	No

# Diana Addition – can be simpler to navigate through Compendia – Production – Purifications Batches



The image shows a table titled '3 (out of 94686) Purification Batches'. The table has columns for ID, Name, Batch Type, Batch Subtype, Composition Type, Use as Antigen Material, Modifications, Delivery System Component Name, Delivery System Component Ratio [N], Delivery System Component Lot, Formulation, Parent Expression Batch ID, and Parent Purification Batch ID. A filter dialog is open over the table, showing a filter expression: 'ID In 98628, 98629, 98630'. The dialog has buttons for 'Discard', 'Clear', 'Save as New', 'Delete', 'Close', and 'Apply'.

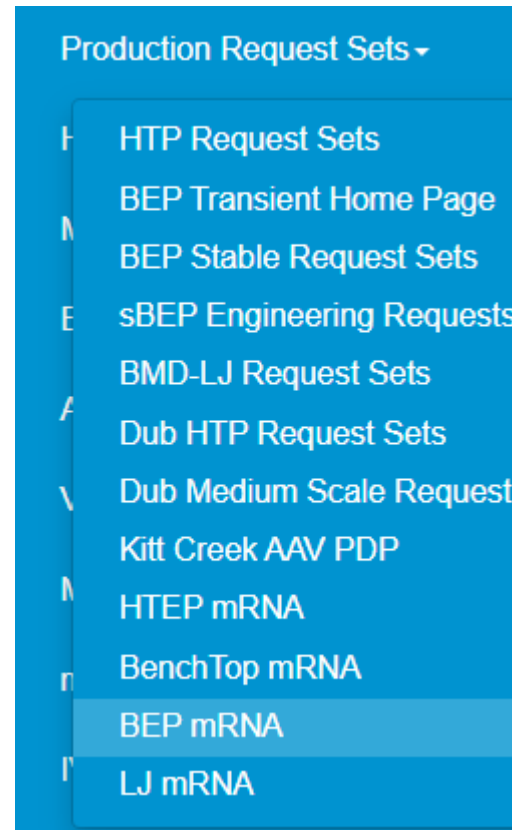
ID	Name	Batch Type	Batch Subtype	Composition Type	Use as Antigen Material	Modifications	Delivery System Component Name	Delivery System Component Ratio [N]	Delivery System Component Lot	Formulation	Parent Expression Batch ID	Parent Purification Batch ID
PPB-98630	MDPP-LNP_GBT-EBV-0007_DP-1	Nucleic Acid	mRNA	Single Component	No	Nanoparticle Formulation	ALC-159 PF-07311743, ALC-315 PF-07311356, Cholesterol, DSPC	1.6, 46.3, 42.7, 9.4	ALC159 Lot: CPo127795-01-GS-4827-19, Lot: groton batch 21-AP-09634, Cholesterol: K53711372, DSPC Lot: 556500-2210461-01	10mM tris 300mM sucrose pH 7.5	PEB-81895	PPB-97893
PPB-98629	MDPP-LNP_GBT-EBV-0006_DP-1	Nucleic Acid	mRNA	Single Component	No	Nanoparticle	ALC-159 PF-07311743, ALC-315	1.6, 46.3, 42.7, 9.4	ALC159 Lot: CPo127795-01-GS-4827-19, Lot: groton batch 21-AP-09634, Cholesterol: K53711372, DSPC Lot: 556500-2210461-01	10mM tris 300mM sucrose pH 7.5	PEB-81896	PPB-97892
PPB-98628	MDPP-LNP_GBT-EBV-0011_DP-1	Nucleic Acid	mRNA	Single Component	No	Nanoparticle	ALC-159 PF-07311743, ALC-315	1.6, 46.3, 42.7, 9.4	ALC159 Lot: CPo127795-01-GS-4827-19, Lot: groton batch 21-AP-09634, Cholesterol: K53711372, DSPC Lot: 556500-2210461-01	10mM tris 300mM sucrose pH 7.5	PEB-81897	PPB-97891

- And use filter in top right corner (three lines)
- Have to all be of type nucleic acid
- If coming from Genedata, parent request set cannot be tracked, so if possible better to request through GDBxT



# By clicking the link in BEP or HTEP mRNA Prod page

- BEP IVE group is default if navigating from Genedata, BEP mRNA production, or FRS
- Assay Dev group is default if navigating from HTEP mRNA production, but can always change to BEP IVE



The screenshot shows a web application interface for managing production request sets. It includes several tables and sections:

- Header:** URL `https://gdbio.pfizer.com:8092/gdbxt/requestSet/show/26031`
- Buttons:** Create Vector Batches, Order Vector Sequencing, Get Vector Batch Tube Label
- Expression Tasks Table:** Columns include ET ID, RS-ID, RQ-ID, TPP ID, TPP Name, Vol, Vessel, Host Cell, Start, Harvest, PEB, External Vendor, Assigned To, and Vectors. Buttons: Delete Selected Expression Tasks, Create/Update PEBs.
- Expression Batches Table:** Columns include TPP-ID, TPP Name, PEB-ID, PEB Name, Volume (L), Titer (mg/L), Virus Report, Start Date, and Harvest Date. Buttons: Create HTP Expression Batches, Create HTP Purification Batches for Selected, Sync from PDS, Set Virus Report for Selected PEBs.
- Purification Tasks Table:** Columns include Task ID, RS ID, Req ID, TPP ID, TPP Name, Amount Requested, Parent PPBs, Output PPBs, Expression Tasks, External Vendor, Assigned To, and Status. Button: Delete Selected Purification Tasks.
- Main Table:** Columns include TPP-ID, TPP Name, PEB-ID, PEB Name, PPB-ID, PPB-Name, PF Number, Concentration, Yield, and Major Peak %. Rows show data for TPP-121737 and TPP-121736. A red box highlights the 'Request IVE' button in the bottom row.
- Buttons:** Add SEC Results, Add Lab Results, PF# Registration, Download File for Tube Labeller, Request mRNA Molecular Assessment, Request IVE, Request Biosensor Analysis, Request DP Formulation, Create Next Platelet, Normalization.
- Normalization Platelets Table:** Columns include Platelet ID, PPB Platelets, Date Created, and Plate Map Excel.



Request IVE

Requestor

sapasd

Parent Request Set

RS-26031

Purpose

255 number of characters left

Comments

1024 number of characters left

Project

BMD-COVmAb

Group

BEP mRNA IVE

☐ mRNA Product Type :

☐ Secreted IgG

☐ Secreted Non IgG

☐ Membrane Bound

☐ Intracellular

☐ Intranuclear

Assay Type

IVE Single Point

	Assay	TPP or Catalog Ab(s)
<input type="checkbox"/>	Luciferase	
<input type="checkbox"/>	Western Blot	

Add Another Detection Reagent Column

- Here is where parent RS is tracked if request is coming from GDBxT production pages, if coming from Genedata this value is empty

# By clicking the link in FRS production page

← ↻ 🏠 🔒 https://gdbio.pfizer.com:8092/gdbxt/formulationRequestSet/show/782 🔍 A ☆ ⚙️ | 📄 ☆ 📁 📧

**GDBxT (shinb01)**

- Genedata Biologics Server
- Load Daily PEB Data
- TPP Format Zoo
- Faster Blaster
- Primer Search Tool
- Project Tracking/Management ▾
- Production Request Sets ▾
- Hybridoma Sequence Analysis ▾
- MDPP Analysis Request Sets ▾
- Biosensor Analysis Request Sets ▾
- All Gene Synthesis Requests
- Vector Management ▾
- Molecular Assessment ▾
- mRNA Analytics ▾
- IVE Analysis Request Sets ▾
- AAV QC Homepage

**Add New Delivery System Component**

### Formulation Tasks

	±	Form. Task ▾	Form. Request ▾	Formulation details ▾	DS PPB ID ▾	DS PPB Name ▾	DS PPB PF# ▾	Priority ▾	Status ▾	Assignee
1	<input checked="" type="checkbox"/>	FT-39451	FR-802	Cholesterol:38.5% DLin-MC3-DMA:50% DSPC:10% PEG2000-DMG:1.5%	PPB-100154			Medium	In Progress	Jin Li

◀ ▶

**Create/update DP PPB** **Delete Formulation Tasks**

### Created PPBs

Search  📄 📊 ▾

	DP PPB ID ▾	DP PPB Name ▾	DP Batch PF# ▾	Delivery System Components ▾	DS PPB ID ▾	DS PPB Name ▾	DS Batch PF# ▾
<input type="checkbox"/>	PPB-101328	MDPP-LNP_BMD-IL12-1261_DP-1	-	Cholesterol: 38.5% (Lo) DLin-MC3-DMA: 50.0% (265443) DSPC: 10.0% (Lot) PEG2000-DMG: 1.5% (2104GM21L)	PPB-100154	-	-

**Select samples**

**Email results** **Request mRNA Molecular Assessment** **Request IVE** →

# Request Page

### Request IVE

**Please fill out all the section**

Requestor: shinb01

Purpose:  255 number of characters left

Comments:  1024 number of characters left

Project: NG-IL12 ▾

Group: **BEP mRNA IVE** **Please select BEP mRNA IVE**

☐ mRNA Product Type :  
☐ Secreted IgG  
☐ Secreted Non IgG  
☐ Membrane Bound  
☐ Intracellular  
☐ Intracellular

Assay Type: **IVE Single Point** **You can choose single point or dose response**

	Assay	TPP or Catalog Ab(s)
<input type="checkbox"/>	Luciferase	<input type="text"/>
<input type="checkbox"/>	Western Blot	<input type="text"/>

**Add Another Detection Reagent Column** **If you have multiple Abs, add detection reagent column**

**Create Request** **Click this button to create request**

### Samples Requested

TPP Name	Description	Synonym	PPB-ID	PPB Name	Chain Info	Sample Concentration...	Linear Size nt	Circ Size (nt)	Delivery Components	
BMD-IL12-1261	huPD-1 1-196 for mRNA...	huPD1 1-196_modRNA	PPB-101328	MDPP-LNP_BMD-IL12-1...	mRNA, mRNA, mRNA, m...		858		Cholesterol, DLin-MC3-...	

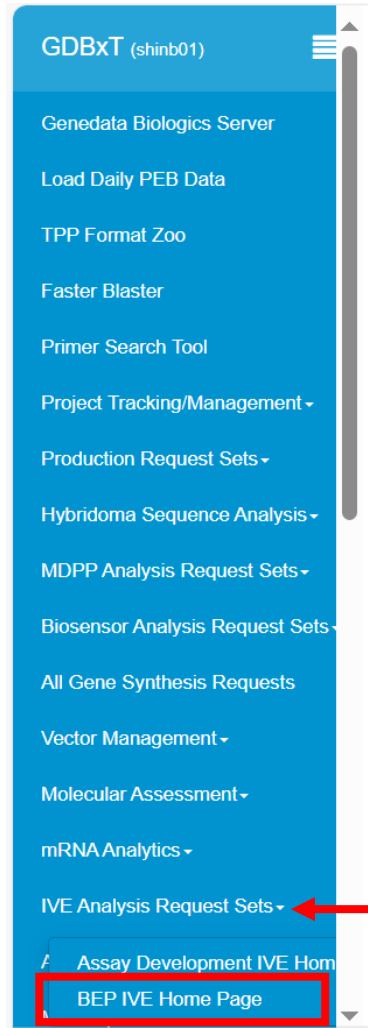
**If you have multiple samples, add multiple PPBs**

**Add PPBs** **Delete Selected PPBs** **Export Samples To CSV**



# Track your request

- Diana note – I would show tab with new and in progress request sets, the link to the request set show page is also part of confirmation email ( I added that to the next slide)
- Just a heads up, the webpage remembers which tab you clicked last so when you load the home page it will default to the last tab you clicked – in All Request samples and assays the filters that you used will also be remembered



NEW AND IN PROGRESS  
REQUEST SETS

COMPLETED REQUEST SETS

CANCELLED REQUEST SETS

ALL REQUEST SETS

<input type="checkbox"/> Analysis Reques...	Purpose	Project	Date Submitted	Assigned Summary P...	Reque...
<input type="checkbox"/> ARS-3522	test - to be cancelled	Epstein-Barr Virus	02/27/2024		Diana

1 to 1 of 1    < > Page 1 of 1    < >

Reinstate Selected Request Sets



# Confirmation of your request

## Message from GDBxT

### Analysis Request Set 3522

Analysis request set has been submitted. Check out the details [here](#).

ID	ARS-3522
Project	<a href="#">Epstein-Barr Virus</a>
BMD Project Lead	Ilya Tikh
Date Submitted	02-27-2024
Submitted By	Diana Sapashnik
Purpose	test - to be cancelled
Samples	<ul style="list-style-type: none"><li><a href="#">GBT-EBV-0011</a></li></ul>
	<ul style="list-style-type: none"><li><a href="#">GBT-EBV-0006</a></li></ul>
	<ul style="list-style-type: none"><li><a href="#">GBT-EBV-0007</a></li></ul>
Comments	---

## Message from GDBxT

### Analysis Request Set 3522

Analysis request set has been submitted. Check out the details [here](#).

ID	ARS-3522
Project	<a href="#">Epstein-Barr Virus</a>
BMD Project Lead	Ilya Tikh
Date Submitted	02-27-2024
Submitted By	Diana Sapashnik
Purpose	test - to be cancelled
Samples	<ul style="list-style-type: none"><li><a href="#">GBT-EBV-0011</a></li></ul>
	<ul style="list-style-type: none"><li><a href="#">GBT-EBV-0006</a></li></ul>
	<ul style="list-style-type: none"><li><a href="#">GBT-EBV-0007</a></li></ul>
Comments	---

<https://gdbio.pfizer.com:8092/gdbxt/ive/requests/3522?rolegrp=bep+mrna+ive>  
Click or tap to follow link.



# Thank You

