

Downstream BioProcessing Questionnaire

Please answer the following questions as completely as possible.

I. Customer Information	
Contact Person	
Designation	
Department	
Company Name	
Contact Number	
Email Address	

II. Experimental Details		
<i>a. General Details</i>		
1.	The target molecule to be purified	
2.	Size or M_r of target molecule	
3.	NaCl/pH/T ranges within which the target molecule is stable	<input type="checkbox"/> NaCl: <input type="checkbox"/> pH: <input type="checkbox"/> T:
4.	Is the standard (purified target molecule) available?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	Typical concentration of the target molecule (titer in the case of virus) in the sample that will be provided for the method/process development	<input type="checkbox"/>
6.	Main impurities in the sample (Specify concentrations of each)	<input type="checkbox"/> DNA <input type="checkbox"/> Proteins <input type="checkbox"/> Lipids <input type="checkbox"/> Endotoxin <input type="checkbox"/> Others:
7.	Sample volume/total virus titer is available for the method development	
8.	Current detection/quantification method for the target molecule	<input type="checkbox"/> DNA/protein assays <input type="checkbox"/> SDS PAGE <input type="checkbox"/> qPCR <input type="checkbox"/> ELISA <input type="checkbox"/> Western blot <input type="checkbox"/> Cell-based assays

		<input type="checkbox"/> Others:
9.	Desired concentration of the target molecule in the final product	Concentration: Unit of measure: <input type="checkbox"/> mg/ml <input type="checkbox"/> total VP/ml <input type="checkbox"/> infection VP/ml <input type="checkbox"/> Others:
10.	Purity requirements of the final product (Host cell protein/DNA concentration, endotoxin content...)	
11.	Final formulation buffer	
12.	Other requirements regarding the method/process to be developed	
13.	Please describe upstream and downstream process detail or block scheme.	
<i>b. Virus Products (Skip if not applicable)</i>		
14.	Virus condition needed	<input type="checkbox"/> Live <input type="checkbox"/> Attenuated <input type="checkbox"/> Killed
15.	Virus Type	<input type="checkbox"/> Wild type strain <input type="checkbox"/> GMO
16.	For GMO virus, please provide the detailed data/document describing preparation of the GMO. (e.g., constructs, vectors, expression system used...)	
17.	What is the biosafety level of this virus? If safety assessment study is available, please provide the documentation.	