

Twist Express Antibodies

Now with CHO transient transfection.

Twist High Throughput Antibody Production provides a comprehensive and efficient solution for antibody production and purification, enabling the simultaneous generation of many distinct antibodies for screening and discovery purposes. With high throughput production of antibodies in quantities ranging from 15 µg up to 3,000 µg—sufficient to characterize candidates for further study—Twist provides a premium quality product without a premium price tag.

High Throughput Antibody Production with Twist Bioscience



New CHO transient expression system for High Throughput Antibody Production

A key component of antibody screening is determining the ease of expression within transfected cells. Twist now uses the industry preferred CHO transient expression system for reliable, reproducible, and developable yields. As is the nature of antibody production, expression yields can vary based on antibody sequence. Twist provides yield data on each antibody sequence to be used as a screening tool for candidate selection. Additionally, we will provide control yield data to provide peace of mind and confidence that transfection and protein production were successful.

PRODUCT OFFERING		
Scale	1 mL	8 mL
Control Yield	100 µg	1000 µg
Average Yield*	~93 µg	~642 µg
Elution Buffer	83 mM Glycine 167 mM Tris-HCl pH 6.0 43 mM Sodium Citrate, 147mM HEPES, pH 6.0 (Amine-free)	
Buffer Exchange	Available	
Optional QC Add-ons*	Digital SDS-gels, CE-SDS Electropherograms, %Purity, Size (kDa) (Reduced)	
Deliverables	Purified or Supernatant Protein Cloned Antibody Plasmids Provided as Glycerol Stocks	
Delivery Format	1.4 mL Micronic Tube 2 mL Tube 96 Deep-Well Block 4 mL Micronic Tube	
Additional Quality Control*	Available by Request	
Turnaround Time	13-15 BD	13-15 BD

High yield, high quality antibodies via CHO transient expression system

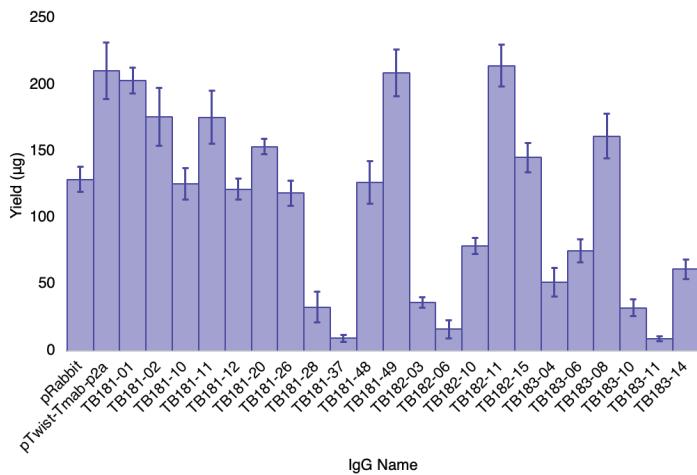


Figure 1. COVID Panel Expression Levels. Expression Panel of 66 IgGs generated from a COVID Antibody Discovery program. Average yields are represented by the bar while standard deviation is represented by the error bars for approximately 4 replicates of 1mL expression volumes.

SCALE	AVERAGE YIELD (μG)
1 mL	93
8 mL	642

Table 1. Average yields calculated from 66 IgGs transiently transfected in CHO cells. A panel of 66 IgGs were transfected across multiple transfection attempts at both 1 mL and 8 mL to obtain the average yield data displayed

*Terms and Conditions: Yields will vary by construct. Optional QC may reduce the final yield of delivered antibody. Turnaround time for 1mL and 8mL of HT IgG expressed via CHO are 13-15 business days and 20-30 business days, respectively.

HAVE QUESTIONS?

Learn more at twistbioscience.com or contact sales@twistbioscience.com

These Products are subject to certain use restrictions as set forth in Twist's Supply Terms and Conditions www.twistbioscience.com/supply-terms-and-conditions