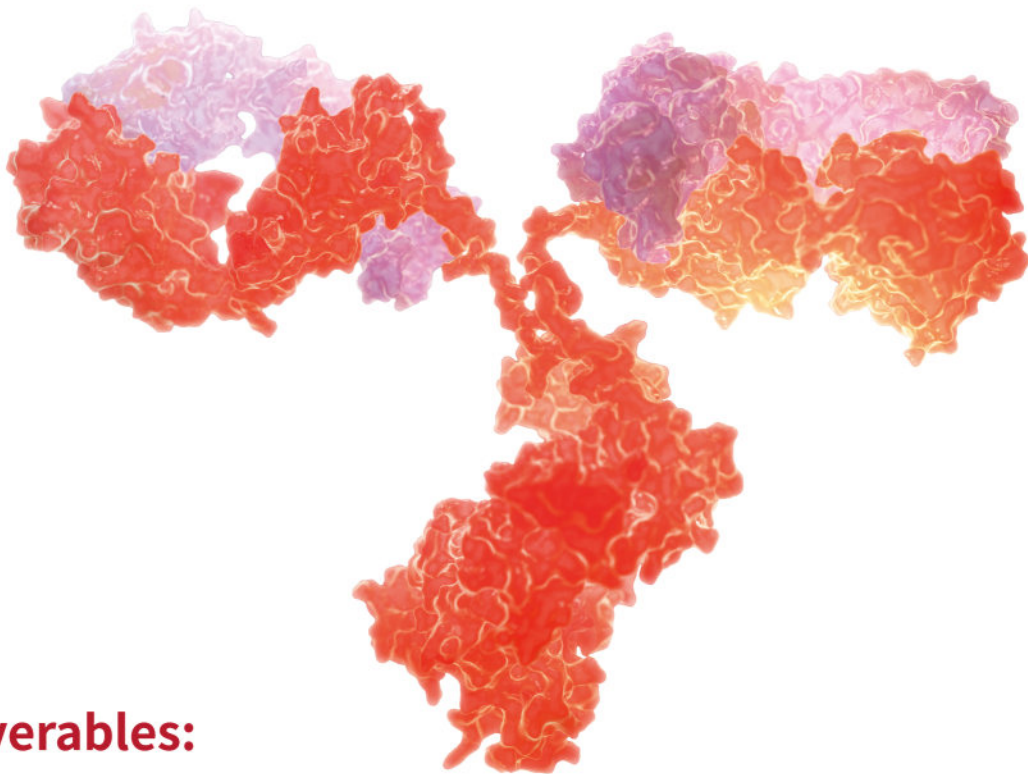


# 2 WEEKS

For Recombinant Antibody Expression Service  
(From Gene Sequence to Purified Antibody)



## Deliverables:

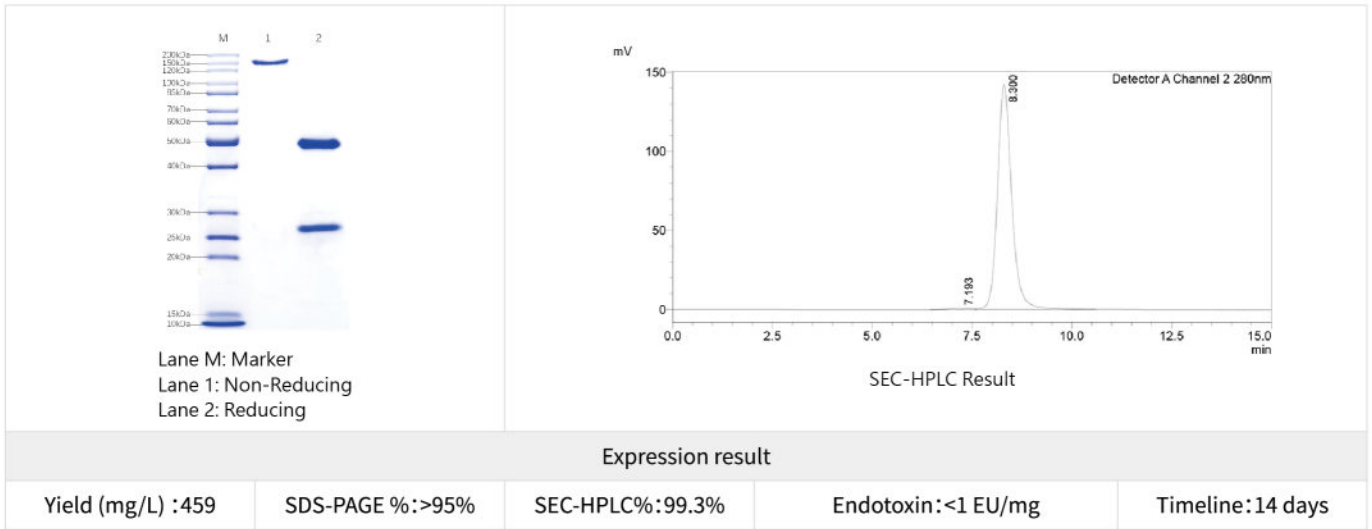
- Purified antibody(SDS-PAGE>95%,  
Endotoxin level <1 EU/mg, SEC-HPLC detection)
- Expression plasmids contain gene of interest
- COA report

Biointron Biological Inc.

[info@biointron.com](mailto:info@biointron.com)

[www.biointron.com](http://www.biointron.com)

## Case Study: Anti-PD1 Antibody Small Scale Expression



## LARGE SCALE ANTIBODY PRODUCTION



### Consistency

(all the product come from one batch, SDS-PAGE>95%, SEC-HPLC>95%, endotoxin level <0.1 EU/mg)



### Fast Turnaround Time

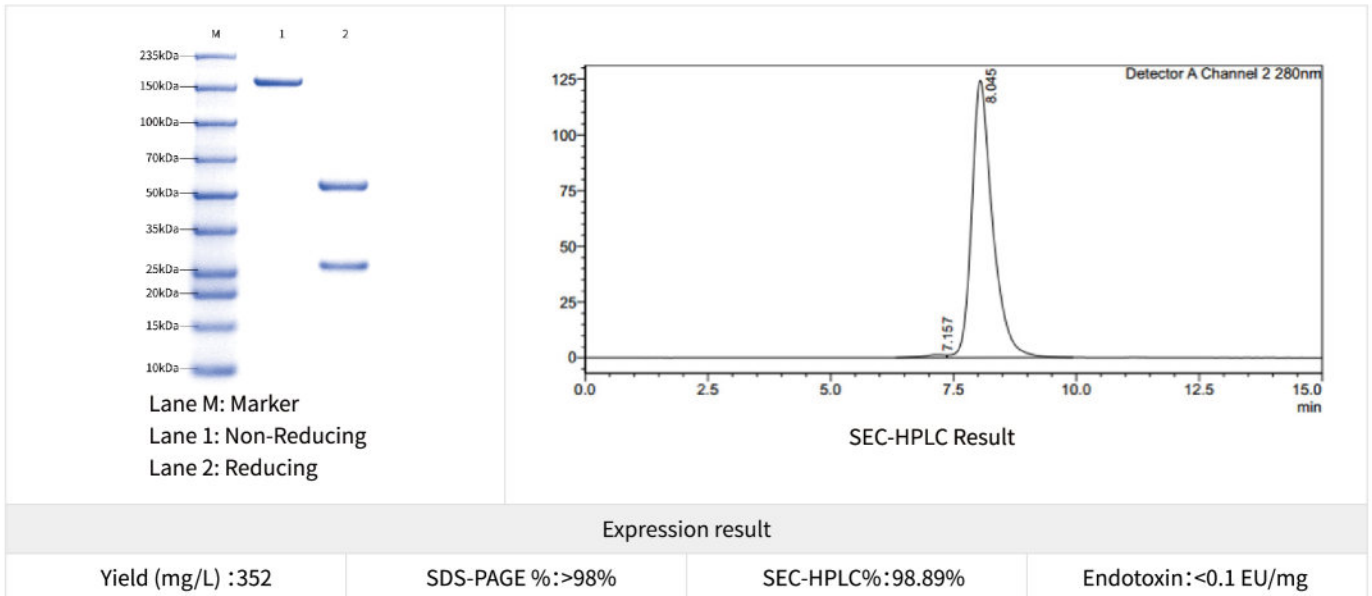
(as short as 4 weeks for gram level production)



### Large Capacity

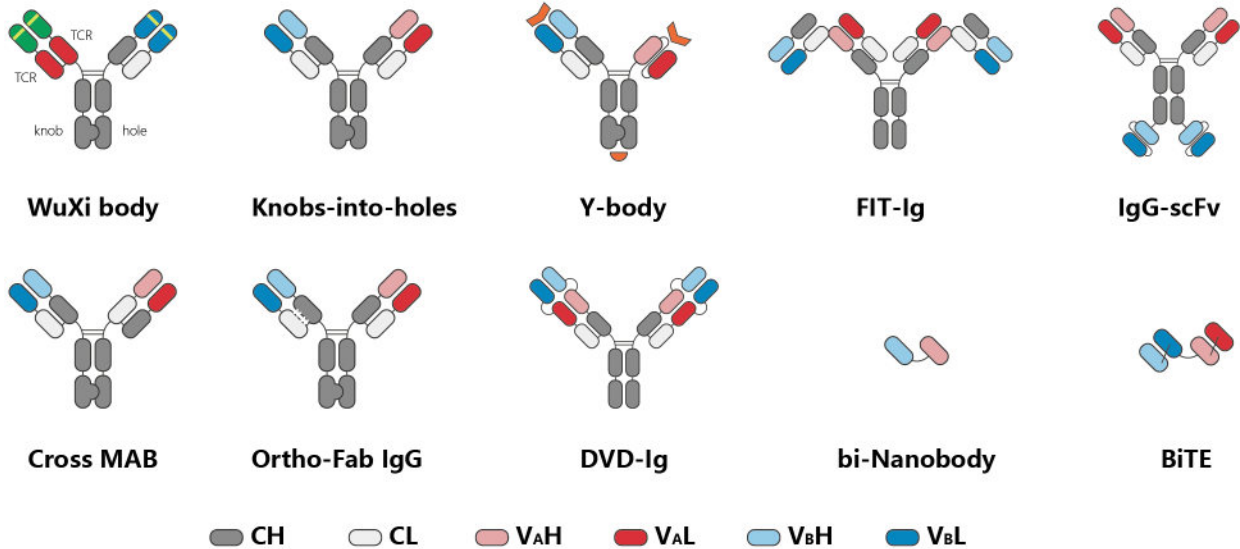
(up to hundred grams level)

## Case Study: 1000 mg mAb Production in CHO cells



# BISPECIFIC ANTIBODY PRODUCTION

## Format Examples for Bispecific Antibody



## Deliverables

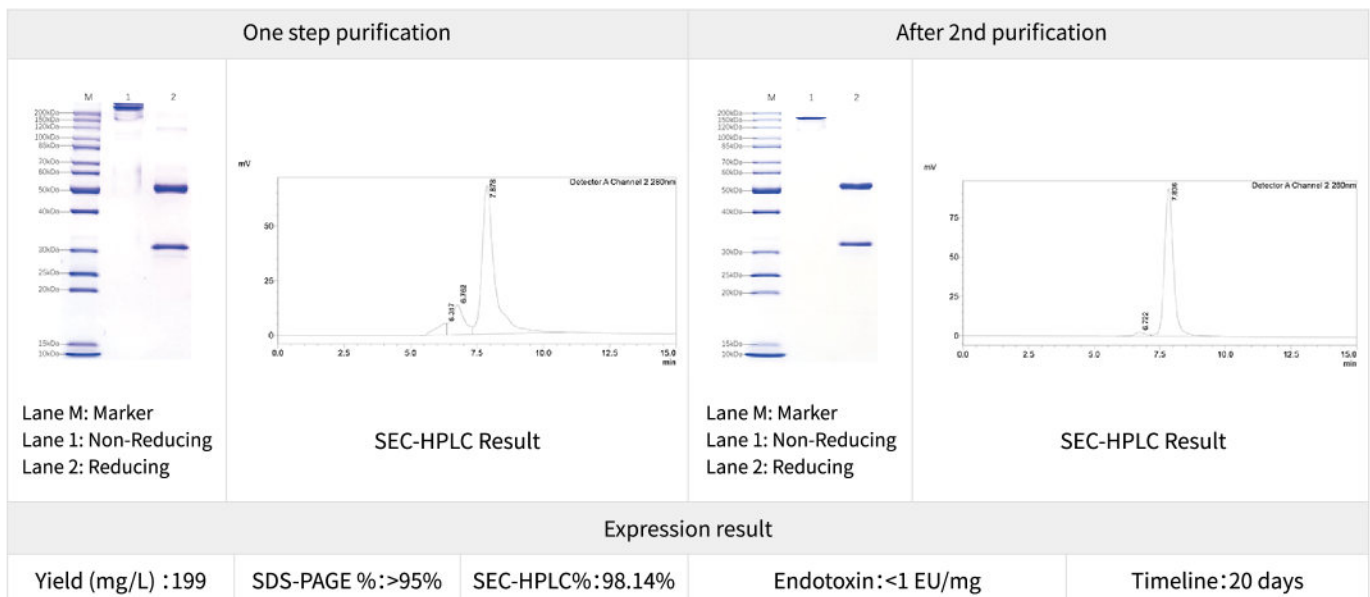
### Purified antibody

(SDS-PAGE>95%, endotoxin level <1 EU/mg, SEC-HPLC detection)

Expression plasmid contain gene of interest

COA report

## Case Study: 100ml Pilot Study for Bispecific Antibody Production



## SERVICE FEATURES



**2 Weeks**

HTP rAb Expression  
No Delivery No Charge



**1mg – 100g**

Guaranteed Recombinant  
Antibody Production



**5 g/L**

Bioproduction CHO-K1  
stable cell line generation  
CHO-K1 cell licensed from  
ECACC, fully traceable



**650+**

Catalog Proteins & Biosimilar  
Antibody Products

## SERVICES

### High Throughput Antibody Expression

2 weeks

From gene sequence to purified antibody.

### VHH Library Generation

20+ Unique Binders Guaranteed

Self-owned Alpaca Breeding Base;  
One alpaca for one project;

### Bispecific Antibody Production

2-3 weeks

Thousands of BsAbs have been delivered;

### Hybridoma Sequencing

4 days

100% sequence accurate  
(cross verified with 5 independent clones);

### Stable Cell Line Generation

CHO-K1 cell licensed from ECACC

Yield guaranteed (>5 g/L for antibody);

### Sublicense of CHOK1BN cell line

ECACC Licensed, fully traceable

Adapted in basic CD medium;  
No limitations on the project numbers

### Antibody Humanization

4-5 weeks

Affinity guaranteed (comparable to parental antibody)

### Catalog Products

On-shelf, ready to be delivered

(Isotype Control Antibody,  
Biosimilar Drug Target antibody, etc.)