



Great Bay Bio (GBB), headquartered in Hong Kong, is a biotechnology company accelerating drug development through cutting-edge technologies, including AI, big data mining, and automation. GBB is committed to address the challenges of long timelines, high costs, and low success rates in drug development.

## AI + Culture Media Development

The AlfaMedX platform applies artificial intelligence (AI) technology to the development of cell culture media formulations, establishing a media formulation algorithm platform to develop media suitable for cell growth, protein expression, and cell differentiation, including basal media, fed-batch media, and perfusion media.



### **Catalog Culture Media**

- For CHO-K1 & CHO-GS Cell Lines
- 1. Defined chemical composition of the culture media and free from any animal-derived components.
- 2. Contains amino acids, vitamins, glucose, lipids, inorganic salts, and trace elements; free from growth factors, cholesterol, peptides, hydrolysates, and phenol red.
- 3. The dry powder culture media contains P188 and HT, without L-glutamine.

### AI + Media Development



#### **High Titer**

AlfaMedX (NF3370+DF2025) protein expression is comparable to or better than commercial culture media.



#### **Adaptable**

AlfaMedX (NF3370+DF2025) has good universality and suitable for cell line culturing of various products.



LinkedIn

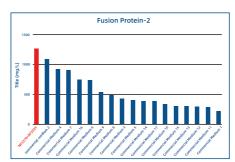
## **CASE STUDY**

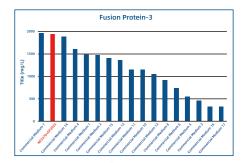
### **Fusion Protein**

#### ■ NF3370+DF2025

#### **■** Commercial culture media



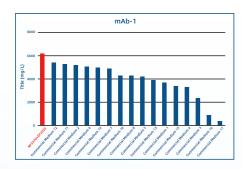


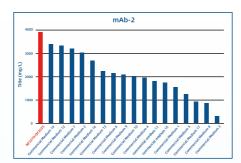


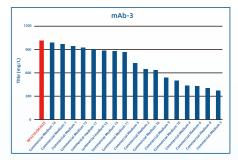
### mAb & BsAb

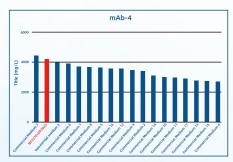
#### ■ NF3370+DF2025

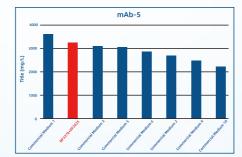
#### **■** Commercial culture media

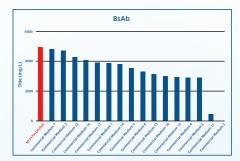












# **Business Model**











Apply for Trial Sample

Shipment from Warehouse

Trial Test for AlfaMedX