

Comprehensive Solutions for Animal Health Biologics

Empowering
animal health
through
innovative
ideas



➤ Cell Line Development

- Gene to GMP Solutions
- 200+ cell lines, 3 commercially used
- Cell line development for canine, feline mAbs and fusion proteins
- Familiarity with USDA and CVB requirements
- Royalty-free CHO-DG44 and CHO-GS and CHO-GS FUT ∞ KO Platforms
- 8 g/L titers with assured product quality

➤ Analytics

- Ag-Ab binding affinity
- Enzyme activity
- Cell-based assays
- Isothermal stability
- HPLC, ELISA, A280
- SEC-MALS
- CE-SDS and more

➤ GMP Manufacturing

- Single-use bioreactors 50L, 200L, 500L, and 2,000L with total expansion capacity to 23,000L
- High productivity with minimum titers of 4 g/L for most mAbs and BsAbs; scaling up to 25 g/L after process intensification
- DS Production Ready and DP Underway

➤ Protein Sciences

- Expertise in the production of canine, feline, equine, porcine and bovine antibodies/proteins
- Experience with diverse formats including IgG, BsAbs, scFv, IgM and chimeric mAbs

➤ Process Development & Characterization

- Fully automated Ambr[®] 250 Bioreactors
- Multifactorial DOE
- Upstream PD for higher titers and shorter timelines
- Robust scalable upstream development

