

# Outsource to the Experts

## in Biopharmaceutical Impurity Analysis



**Your distributor in Switzerland**

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### Mammalian Cell Line HCPs

CHO • BHK • A549 • HEK 293 • MRC5 • NS/0 • SP2/0  
• PER.C6® • Vero Cell • HeLa • MDCK • CAP®

### Bacterial HCPs

*E. coli* • *L. lactis* • *P. fluorescens*  
*S. aureus* • *S. pyogenes*

### Yeast & Insect Cell HCPs

*P. pastoris* • *S. cerevisiae* • Sf9

### Plant & Animal Transgenics

Bovine Plasma Proteins  
Goat Milk Proteins  
Jack Bean  
Tobacco

### Host Cell DNA Detection

CHO • *E. coli* • NS/0 • Human • DNA Extraction Kits

### Bioprocess Impurities

BSA • HSA • Insulin • Other Bovine Plasma Proteins  
• Protein A Leachate Assays • EndonucleaseGTP®

### Custom Services

Antibody Affinity Extraction (AAE)  
Antibody Coverage Analysis  
Comprehensive Assay Qualification Protocols  
Mass Spectrometry  
Polyclonal Antibody Generation  
Process Specific Assay Development  
2D PAGE  
2D Western Blot

Reduction of bioprocess impurities to the lowest levels practical requires sensitive and robust analytical methods. Cygnus offers a full menu of ELISA kits and orthogonal testing services for all current host cell expression systems and purification process leachates, such as Protein A.

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