



**AmyJet Scientific**  
艾美捷科技



**ANTIBODIES**  
Are Our Business

# 宿主细胞蛋白 HCP

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## ICL ELISA Kits

ICL的ELISA试剂盒采用在我们实验室开发的高度特异和敏感的抗体，用于创建首个商业化ELISA方法，用于检测可能污染在CHO细胞中，培养的纯化单克隆抗体的特定CHO宿主细胞蛋白。

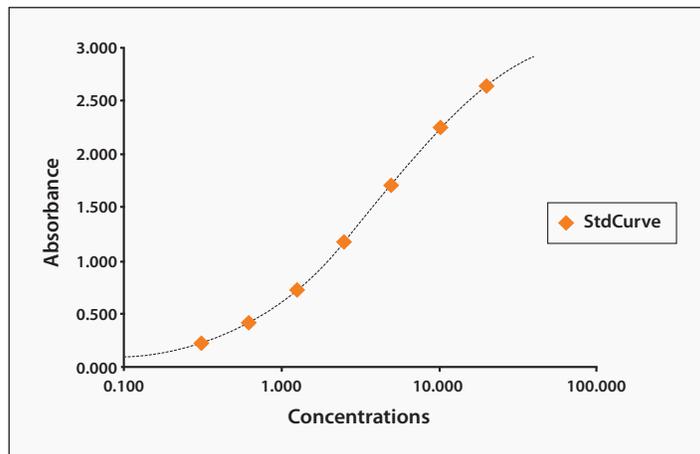
## CHO Proteins

减少或最小化宿主细胞蛋白（HCP）杂质对于重组生物治疗制剂的开发和生产至关重要。这是一种广泛适用于多种疾病的新兴治疗策略。



许多不同的已批准治疗性糖蛋白是在中国仓鼠卵巢（CHO）细胞中制造的。CHO细胞是用于此类生产的最常用的基因工程宿主细胞系统之一。

CHO宿主细胞蛋白的污染可能会对重组生物治疗制剂的生产产生不利影响，并在给药时可能引发免疫反应。这可能危及患者安全并导致不良临床结果。进行对CHO细胞基础蛋白生产中宿主细胞蛋白水平的全面风险评估至关重要。



## Host Cell Protein, HCP产品

### Annexin A5

Annexin A5, 是一种抗凝血蛋白，作为凝血酶原特异复合物的间接抑制剂

Catalog Number	Description	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0425-01-Z	Purified Annexin A5 Protein	CHO	Unconjugated	Protein Standard	0.1 mg
E-65NX5	Hamster CHO Annexin A5 ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
CNX5-65ALY	anti-CHO Annexin A5 Antibody	Chicken	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

### Beta 2-Microglobulin

Beta 2-微球蛋白, 是主要组织相容性复合物的一个组成部分, 涉及将肽抗原呈递给免疫系统

Catalog Number	Description	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0041-01-Z	Purified Beta 2-Microglobulin Protein	CHO (Recombinant)	Unconjugated	Protein Standard	0.1 mg
E-65B2	Hamster CHO Beta 2-Microglobulin (B2M) ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
CB2-65ALY	anti-CHO B2M Antibody	Chicken	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

### Clusterin

Clusterin, 在蛋白质稳态/蛋白质稳态和调节促生存信号网络方面发挥关键作用

Catalog Number	Description	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0075-01-Z	Purified CHO Clusterin Protein	CHO (Recombinant)	Unconjugated	Protein Standard	0.1 mg
E-65CLS	Hamster CHO Clusterin ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
CCLS-65ALY	anti-CHO Clusterin Antibody	Chicken	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

### Glutathione S-transferase Pi (GSTp)

Glutathione S-transferase Pi (GSTp), 是一种代谢酶, 促进代谢物解毒和抗氧化作用。GSTp降低化疗药物的疗效并抑制肿瘤细胞凋亡

Catalog Number	Description	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0337	Purified CHO GSTp Protein	CHO (Recombinant)	Unconjugated	Protein Standard	1.0 mg/0.1 mg
E-65GSTP	Hamster CHO GSTp ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
MGSTP-65A-2E6	anti-CHO GSTp Antibody	Mouse	Unconjugated	Primary Antibody	1.0 mg

### GTP-binding nuclear protein (RAN)

GTP结合核蛋白 (RAN) 维持核结构, 蛋白质进口, mRNA处理和导出, 以及细胞周期调控

Catalog Number	Target	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0127-01-Z	Purified CHO RAN Protein	CHO (Recombinant)	Unconjugated	Protein Standard	0.1 mg
E-65RAN	Hamster CHO RAN ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
GRAN-65ALY	anti-CHO RAN Protein	Goat	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

### Legumain

Legumain, 是一种半胱氨酸蛋白酶, 可以在-Asn-|-Xaa-键处引起蛋白质和小分子底物的水解

Catalog Number	Target	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0423-01-Z	Purified CHO Legumain Protein	CHO (Recombinant)	Unconjugated	Protein Standard	0.1 mg
E-65LGM	Hamster CHO Legumain ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
CLGM-65ALY	anti-CHO Legumain Antibody	Chicken	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

### Lysosomal protective protein (CTSA)

溶酶体保护蛋白 (CTSA), 对 $\beta$ -半乳糖苷酶和神经氨酸酶的活性和稳定性都至关重要

Catalog Number	Description	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0129-01-Z	Purified CHO CTSA Protein	CHO (Recombinant)	Unconjugated	Protein Standard	0.1 mg
E-65CTA	Hamster CHO CTSA ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
GCTA-65ALY	anti-CHO CTSA Protein	Goat	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

### Lysosomal Phospholipase A2 (LPLA2)

溶酶体磷脂酶A2 (LPLA2) 的极低水平将降解聚山梨醇酯, 影响聚山梨醇酯20和聚山梨醇酯80的稳定性

Catalog Number	Description	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0128-01-Z	Purified CHO LPLA2 Protein	CHO (Recombinant)	Unconjugated	Protein Standard	0.1 mg
E-65LPLA	Hamster CHO LPLA2 ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
GLPLA-65ALY	anti-CHO LPLA2 Protein	Goat	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

### Matrix metalloproteinase-19 (MMP-19)

基质金属蛋白酶-19 (MMP-19) 降解细胞外基质蛋白, 包括聚集素和软骨寡聚基质

Catalog Number	Description	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0424-01-Z	Purified CHO MMP-19 Protein	CHO (Recombinant)	Unconjugated	Protein Standard	0.1 mg
E-65MMP19	Hamster CHO Matrix metalloproteinase-19 (MMP-19) ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
CMP19-65ALY	anti-CHO MMP-19 Antibody	Chicken	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

### Nidogen-1

Nidogen-1, 是一种硫酸化糖蛋白, 在基底膜中广泛分布, 并与层粘连蛋白、IV型胶原和纤维连接蛋白紧密相关, 涉及细胞细胞外基质相互作用

Catalog Number	Description	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0426-01-Z	Purified CHO Nidogen-1 Protein	CHO (Recombinant)	Unconjugated	Protein Standard	0.1 mg
E-65NDN	Hamster CHO Nidogen-1 ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
CNDN-65ALY	anti-CHO Nidogen-1 Antibody	Chicken	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

### Nucleobindin-2 (NUCB2)

核结合蛋白-2 (NUCB2), 是Nesfatin-1的前体, 调节食物摄入和能量稳态, 并可能在调节血压方面发挥潜在作用

Catalog Number	Description	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0130-01-Z	Purified CHO NUCB2 Protein	CHO (Recombinant)	Unconjugated	Protein Standard	0.1 mg
E-65NUC	Hamster CHO NUCB2 ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
GNUC-65ALY	anti-CHO NUCB2 Protein	Goat	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

### Phospholipase B-Like2 (PLBL2)

磷脂酶B样蛋白2 (PLBL2) 与人源化的单克隆抗体结合, 特别是IgG4亚型, 这会引发免疫反应

Catalog Number	Description	Species Reactivity or Antibody Host	Format	Product Type	Quantity
AG65-0324	Purified CHO PLBL2 Protein	CHO (Recombinant)	Unconjugated	Protein Standard	1.0 mg/0.1 mg
AG65-0365	Purified CHO PLBL2 Protein	CHO (Recombinant)	Unconjugated	Protein Standard	1.0 mg/0.1 mg
E-65PLB	Hamster CHO PLBL2 ELISA Kit	Hamster	Sandwich ELISA	ELISA Kit	96 well plate
GPLB-65ALY	anti-CHO PLBL2	Goat	Unconjugated	Primary Antibody	0.5 mg
GPLB-65B	anti-CHO PLBL2	Goat	Biotin Conjugated	Primary Antibody	0.5 mg/0.1 mg
MPLB-65ALY-4D5	anti-CHO PLBL2	Mouse	Unconjugated	Primary Antibody	0.5 mg/0.1 mg

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## 为何选择 ICL?

凭借在生产高质量一抗、二抗、蛋白质、ELISA试剂盒和参考标准方面的卓越专业知识，ICL是您在推进研究中的首选合作伙伴。

我们的客户群包括许多全球领先的体外诊断制造商、制药公司和研究机构，他们依赖我们提供各种规模的现成和定制产品。

我们所有的产品均在美国严格的过程控制下生产，并得到迅速的客户服务支持，以确保您的项目按时计划进行。



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