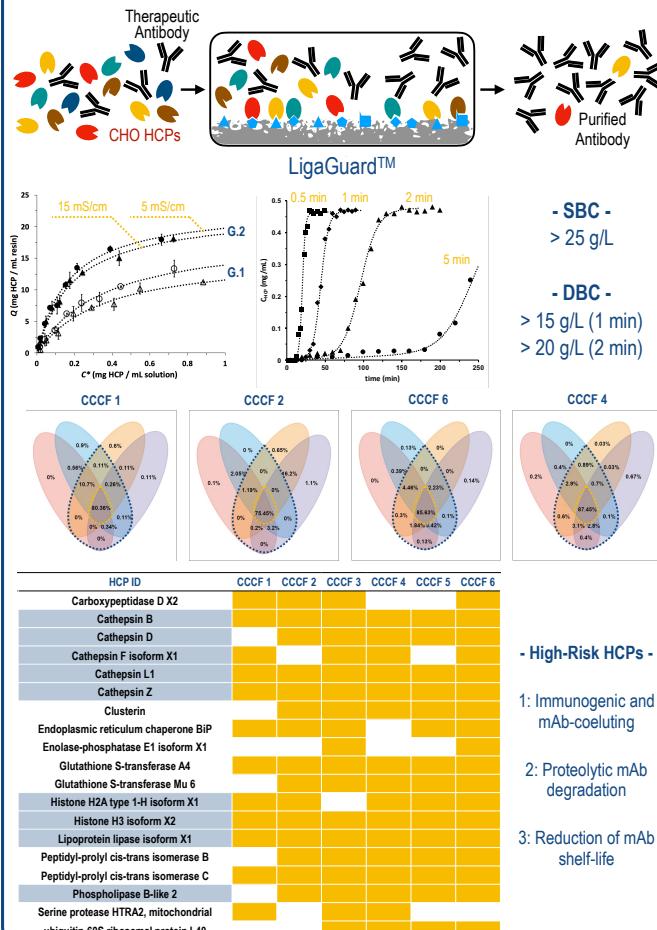


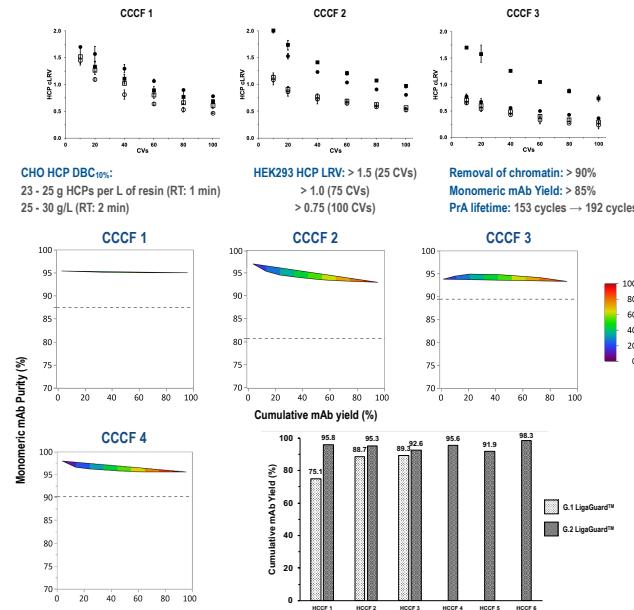
- LigaGuard™ Technology -

- High capacity > 30 g of HCP per Liter of resin || Reusability and Safety: non-toxic and non-immunogenic
- De-risk biomanufacturing by clearing HCPs and product-related impurities → product stability and safety
- Increase process flexibility and robustness by widening the space of design of high product yield and purity
- Reduce CAPEX and OPEX by reducing process footprint number and volumes of buffers
- Promote continuous manufacturing via flow-through mode operation at low residence time
- Enable purification processes of biological drugs for which the current purification technology is limited

- CHO HCP Clearance -



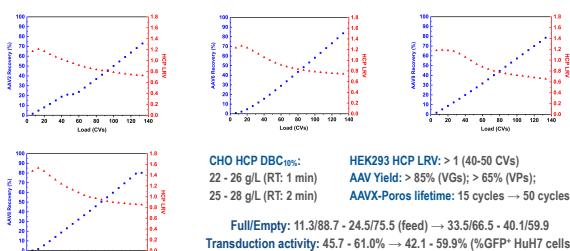
- mAb Purification -



- High-Risk HCPs -

- 1: Immunogenic and mAb-coeluting
- 2: Proteolytic mAb degradation
- 3: Reduction of mAb shelf-life

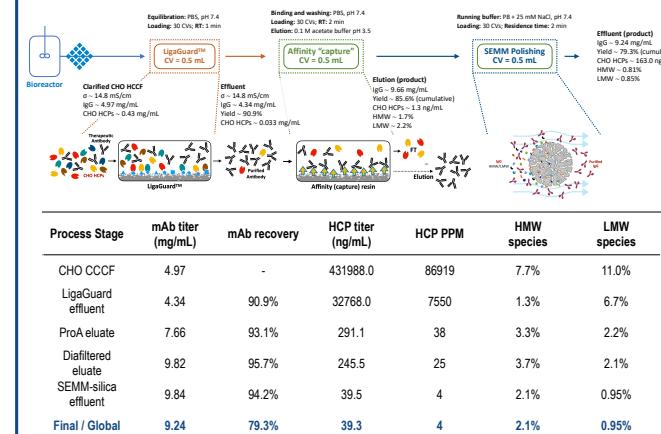
- AAV Purification -



- Contacts -

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agravois@ligatrap.com

- LigaGuard™-based Processes -



- Procure LigaGuard™ -

Format	Bulk resin (up to 50 mL) 1, 5, 20 mL packed columns
Column Dimensions	1 mL Column: 6.7 x 30 mm 5 mL Column: 14.6 x 30 mm
Recommended Flow Rates	1 mL Column: 0.2 - 1 mL/min 5 mL Column: 1 - 5 mL/min
Pressure Limit	4 Bar
Storage	20% v/v ethanol in water Store at 4°C

LigaGuard™ Documentation