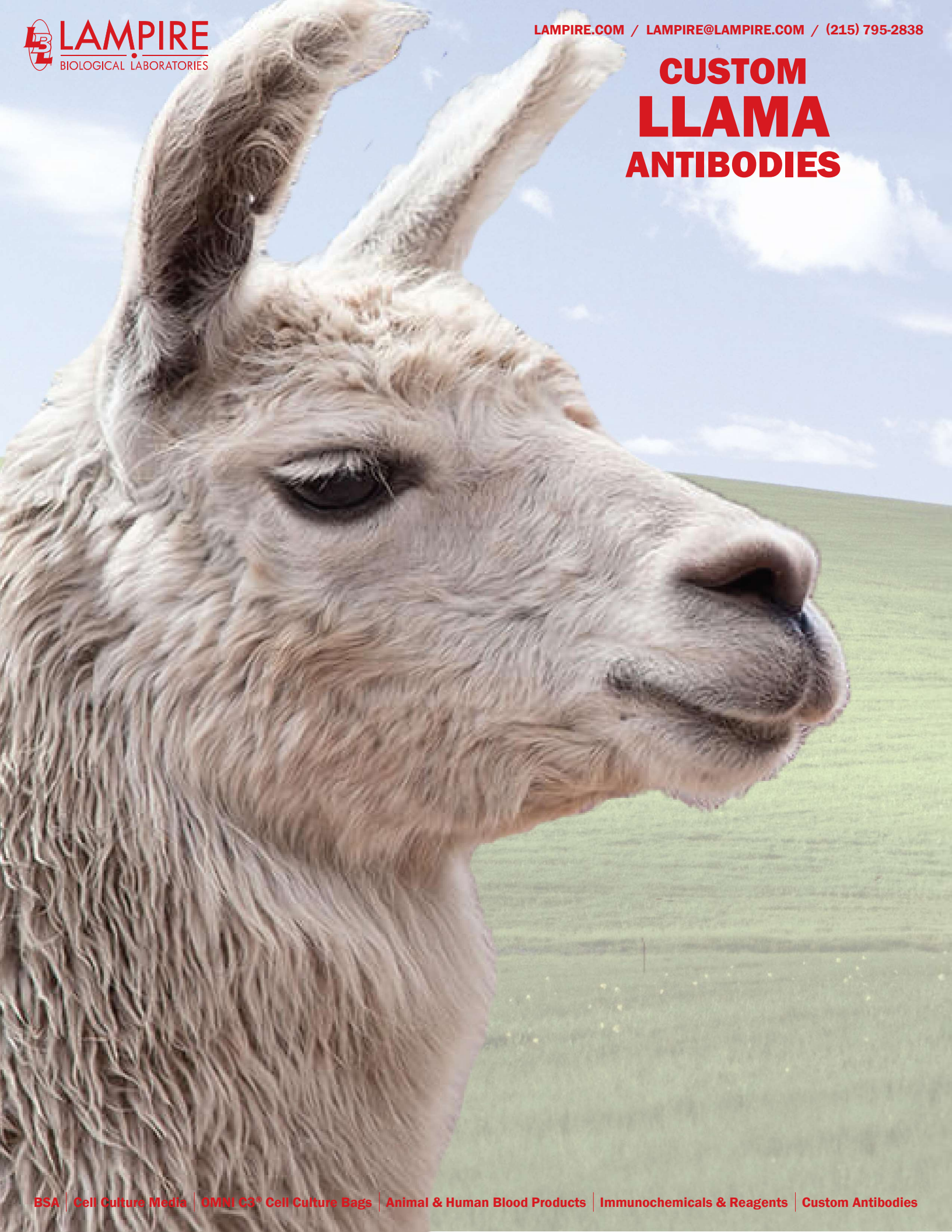
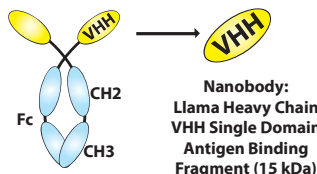


CUSTOM LLAMA ANTIBODIES



CUSTOM LLAMA ANTIBODIES



- **Greater Stability**
- **Enhanced Binding**

All things LLAMA are available at Lampire! Llamas, like alpaca and other camelids, produce unique heavy chain only antibodies. These small sized proteins are able to access and bind with high affinity to epitopes that are inaccessible to traditional antibodies, such as enzyme active sites or clefts in membrane proteins. Specific collection timepoints have shown to provide both early and latent antibody responses, allowing for more diversity across the maturation period. They have been shown to have a longer shelf life, a higher tolerance to extreme conditions and pH well beyond that of traditional antibodies. Recombinant “nanobodies”, or antigen-binding single domain proteins, are easily engineered from llama antibodies, and have been shown to have high affinity, specificity and excellent penetration rate into tissues. Lampire can support your recombinant nanobody discovery programs by providing you with buffy coats and/or RNA suitable for B-cell sorting, phage display or other downstream antibody production technologies.

Lampire has extensive experience in assisting researchers in the production of polyclonal antibodies derived from llamas using our established IACUC approved immunization protocols. Or, if you prefer, our technical experts can assist you to tailor your immunization schedule to meet your specific project needs. Lampire also provides llama whole blood, sera and plasma, and llama IgGs. In addition, Lampire carries a line of non-conjugated and conjugated secondary llama antibodies for use in various applications. Visit our website at www.lampire.com to check out all things Llama this month!

Take advantage of our complimentary technical consultation for project optimization and initiate your llama project for as little as \$850.00/llama.

Remember to use LAMPIRE's **HOLIDAY19** code to save **15% off** a new project initiation in 2019.

Other related LAMPIRE Llama products for your research needs:

7404105 Protein G Purified IgG	7404106 Protein A/G Purified IgG	7455485 Goat x-Llama IgG Pro G Pur	7455480 Goat x-Llama IgG Antisera	73041xx* Plasma, Unfiltered	7324100 Serum, Unfiltered	72041xx* Donor, Whole Blood
100mg - \$115 500mg - \$242 1g - \$345	100mg - \$150 500mg - \$275 1g - \$400	100mg - \$115 500mg - \$242 1g - \$345	100mL - \$92 500mL - \$403 1 Liter - \$748	50mL - \$53 100mL - \$91 500mL - \$315 1 Liter - \$589	50mL - \$37 100mL - \$55 500mL - \$193 1 Liter - \$330	50mL - \$35 100mL - \$58 500mL - \$197 1 Liter - \$360

* Visit www.lampire.com for a list of anticoagulants and other products

THE LAMPIRE ADVANTAGE!

- ✓ AAALAC accreditation, and certified to ISO 13485:2016
- ✓ Experienced technical partner with over 40+ years of industry recognition
- ✓ Technically trained, engaged, and responsive project managers
- ✓ Competitive pricing, with prompt turnaround from inquiry to initiation
- ✓ Customized protocols, collection, processing and specifications