

PRODUCTS & SERVICES

Immunochemicals &  
Related Reagents

Animal Blood Products &  
Tissues

Human Blood Products

New Zealand Sourced  
Products

LAMPIRE® Cell Culture Bag

Antibodies to Drugs of  
Abuse

Antibodies to  
Chemotherapeutic Agents

Polyclonal Antibody  
Services

Monoclonal Antibody  
Services

Peptide Synthesis  
Antibody Support Services

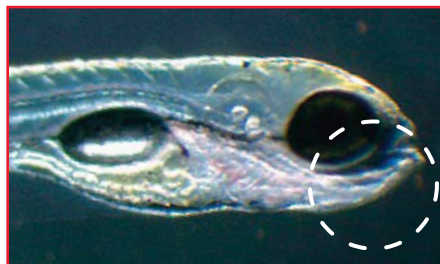
Cell Culture Services

Contract Manufacturing

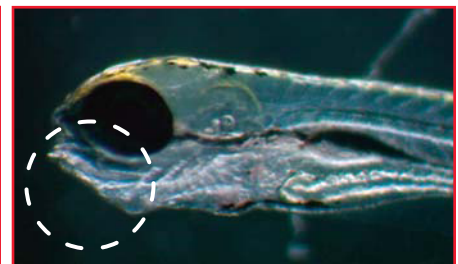
Developmental &  
Customized Assays



**Z E C**  
EBRAFISH MBRYO ULTURE  
**TERATOGENICITY SCREEN**



Normal



Valproic Acid Treatment  
with Jaw Malformation

**ZEC – another LAMPIRE initiative to  
REDUCE, REFINE & REPLACE**

- Rapid, cost-effective teratogenic liability assessment of discovery stage compounds
- Compounds administered at same developmental stage as in mammalian teratology studies with morphology assessed at fetal-stage equivalent
- Superior concordance (87%) for classifying in vivo outcome compared to other in vitro developmental tox assays
- Formal report and complete data analysis package detailing teratogenic potential and dysmorphology associated with compound-exposed embryos

This service is available now and custom quotes are generated after free consultation. For more information contact your Lampire representative, call us at 215.795.2838, or email us at [info@lampire.com](mailto:info@lampire.com).