



Research Models
and Services

Biological products & services

A major advantage of Envigo biological products is that they are collected from our own laboratory animals. Envigo has a worldwide reputation as a producer of the highest quality laboratory animals of which specific strains of species are also available.

The animals are raised under closely defined conditions to ensure consistent high quality products. Rodents and rabbits are raised in strict barrier conditions, which are monitored on a regular basis for pathogens (based on the FELASA Recommendations 2014, Mähler *et al*). Dogs, are maintained as closed genetically controlled colonies and their health status is monitored regularly.

All animals are fed a controlled natural-ingredient diet. Standard diets, close attention to production, and good health care minimise lot-to-lot variation. The availability of a large supply of commercially bred stock allows us to be more responsive to customer requirements for quality and quantity. In addition to these commercially bred animal species, we have further access to chickens and turkeys for supply of different blood products.

Serum and plasma

All pooled stock products are quality control tested for Haemoglobin levels using the Mayo method as well as physical appearance to ensure that they meet standard specifications. A Certificate of Analysis is provided with each batch dispatched from stock. We routinely hold good stocks of pooled serum and plasma in 10ml vial sizes allowing us to ship within two working days. We can also produce fresh serums and plasma to meet specific requirements ie. animal age or individual max bleeds.

The Envigo advantage

- + Collected from pathogen free barrier reared animals
- + Pooled products readily available
- + Consistent batch-to-batch quality
- + Multiple species ranging from rodents to birds
- + Custom products made to your specification

PRODUCT AVAILABILITY	PLASMA K2	PLASMA LITHIUM	SERUM	WHOLE BLOOD	TISSUES, ORGANS, GLANDS
Mouse	S.P-0130D-W-K2	S.P-0130D-XL	S.R-0130D	•	✓
Mouse (Custom)	✓	✓	✓	✓	✓
Rat	S.P-0100D-W-K2	S.P-0100D-XL	S.R-0100D	•	✓
Rat (Custom)	✓	✓	✓	✓	✓
Guinea Pig	S.P-0006D-W-K2	S.P-0006D-XL	S.R-0006D	•	✓
Chicken	✓	✓	✓	•	✓
Turkey	✓	✓	✓	•	✓
Rabbit	S.P-0009D-W-K2	S.P-0009D-XL	S.R-0009D	•	✓
Dog	S.P-0019D-W-K2	S.P-0130D-XL	S.R-0019D	•	✓

✓ Produced on request.
 • Produced fresh each Monday.
 Custom: This can include strain specific, age, sex and non-standard vial sizes.
 Item codes: available from stock in 10ml vial size.



Whole blood and blood cells

Blood is collected fresh for each customer order and checked for haemolysis before being despatched on the day of collection. Upon ordering, please specify the type of anticoagulant required. Blood cells collected into Alsevers are adjusted to a standard packed cell volume to ensure product consistency. Because all blood products are collected upon request they are available in any vial size.

Complement

The technique used to process the sera ensures high complement activity and is in line with the recommendations of the European Health Committee. Guinea pig complement is screened by a standard haemolytic titration assay against a control batch. Endogenous non-specific cytotoxicity in the absence of antibody has been quantified.

Complement can be collected from guinea pigs, rabbits and baby rabbits and is available frozen or lyophilised.

Tissues, organs and glands (TOGS)

The range of TOGS includes, but is not limited to: brain, eyes, heart, kidney, liver, lungs, lymph nodes, ovaries, prostate, spleen, stomach and testicles. All TOGS are collected for specific customer orders and can be snap frozen, provided "fresh" or in a range of preservatives including perfusions to meet your specific requirements.

Ordering and shipping

Stock products will normally be shipped within two working days of receiving the order. Fresh blood products are produced on a Monday for standard orders received by 12pm the previous Friday, fresh products available on other days by request.

The majority of custom products will be shipped within 10 working days, provided availability of required animals.

Contact us at biologicals.eu@envigo.com for pricing and availability

Contact us

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