

Bovine Models

Model	Clinvet SA	Clinvet Morocco	ILRI
Bioequivalence	x		
Pharmacokinetics	x		
Residue depletion	x		
Target animal safety	x		
<i>Rhipicephalus microplus</i>	x	x	
<i>Rhipicephalus decoloratus</i>	x	x	
<i>Rhipicephalus appendiculatus</i>	x	x	x
<i>Rhipicephalus evertsi</i>	x		
<i>Amblyomma variegatum</i>		x	
<i>Amblyomma hebraeum</i>	x		
<i>Amblyomma americanum</i>	x	x	
<i>Dermacentor variabilis</i>	x	x	
<i>Dermacentor reticulatus</i>	x	x	
<i>Ixodes scapularis</i>	x	x	
<i>Ixodes ricinus</i>	x	x	
<i>Haemaphysalis longicornis</i>	x	x	
Flies	x		
<i>Stomoxys calcitrans</i>	x		
Mosquitoes	x	x	
<i>Aedes aegypti</i>	x	x	
Lice	x		
<i>Bovicola bovis</i>	x		

Model	Clinvet SA	Clinvet Morocco	ILRI
GI	x	x	
<i>Haemonchus contortus</i>	x	x	
Fluke		x	
<i>Fasciola hepatica</i>		x	
<i>Trypanosoma congolense</i>	x	x	
Trypanosome	x	x	
<i>Trypanosoma vivax</i>	x	x	
<i>Trypanosoma brucei</i>	x	x	
Protozoan TBD		x	x
<i>Theileria parva (ECF)</i>		x	x
<i>Babesia bigemina</i>		x	x
<i>Babesia bovis</i>		x	x
Bacterial TBD		x	x
<i>Anaplasma marginale</i>		x	x
<i>Anaplasma centrale</i>		x	x
<i>Ehrlichia ruminantium</i>		x	x
Bacterial			x
<i>Contagious Bovine Pleuropneumonia (CBPP)</i>			x
<i>Leptospirosis</i>			x
<i>E. coli K99</i>			x
<i>Malignant Catarrhal Fever (MCF)</i>			x
<i>Foot and Mouth Disease (FMD) - immunogenicity only</i>			x
<i>Rift Valley Fever (RVF)</i>			x
Viral			x
<i>Bovine Viral Diarrhea Virus - Types 1 and 2</i>			x
<i>Bovine Herpesvirus Type 1 - BHV-1</i>			x
<i>Bovine Respiratory Syncytial Virus</i>			x
<i>Rotavirus</i>			x
<i>Coronavirus</i>			x

[Back to Top](#)

Ovine/Caprine Models

Model	Clinvet SA	Clinvet Morocco	ILRI
	<i>Rhipicephalus evertsi</i>	x	
	<i>Amblyomma variegatum</i>		x
	<i>Amblyomma hebraeum</i>	x	x
Ticks	<i>Amblyomma americanum</i>	x	x
	<i>Dermacentor variabilis</i>	x	x
	<i>Dermacentor reticulatus</i>	x	x
	<i>Ixodes scapularis</i>	x	x
	<i>Ixodes ricinus</i>	x	x
		<i>Anaplasma phagocytophilum</i>	
Bacterial TBD	<i>Ehrlichia ruminantium</i>		x
Blowflies	<i>Lucilia cuprina</i>	x	
Lice	<i>Bovicola ovis</i>	x	
Mites	<i>Psoroptes ovis</i>	x	
	<i>Haemonchus contortus</i>	x	x
GI	<i>Teladorsagia circumcincta</i>	x	x
	<i>Trichostrongylus colubriformis</i>	x	x
Cestode	<i>Echinococcus granulosus (under development)</i>	x	
Fluke	<i>Fasciola hepatica</i>		x
Bacterial	<i>Contagious Caprine Pleuropneumonia (CCPP)</i>		x
Viral	<i>Peste de Petits Ruminants (PPR)</i>		x
	<i>Rift Valley Fever (RVF)</i>		x

[Back to Top](#)

Canine Models

Model	Clinvet SA	Clinvet Morocco	Clinvet USA	Mauritius
Bioequivalence	x		x	
Pharmacokinetics	x		x	
Palatability	x		x	
Target animal safety	x		x	
Vaccine challenge and duration of immunity			x	
Ticks	<i>Amblyomma americanum (USA)</i>	x	x	x
	<i>Amblyomma maculatum</i>			x
	<i>Dermacentor variabilis (USA)</i>	x	x	x
	<i>Dermacentor reticulatus (EU)</i>	x	x	
	<i>Haemaphysalis elliptica (RSA)</i>	x		
	<i>Haemaphysalis longicornis (USA)</i>	x		x
	<i>Ixodes hexagonous (EU)</i>	x		
	<i>Ixodes ricinus (EU)</i>	x	x	
	<i>Ixodes scapularis (USA)</i>	x	x	x
	<i>Rhipicephalus sanguineus (EU/USA)</i>	x	x	x
<i>Demodex spp (Naturally infected)</i>	x			
Mites	<i>Otodectes cynotis (RSA)</i>	x		
	<i>Sarcoptes scabiei (Naturally infected)</i>	x		
Flies	<i>Phlebotomus perniciosus (EU)</i>		x	
	<i>Stomoxys calcitrans (RSA)</i>	x		
	<i>Aedes aegypti (RSA/EU/US)</i>	x	x	x
Mosquitoes	<i>Aedes albopictus (EU)</i>		x	
	<i>Culex quinquefasciatus (RSA)</i>	x		
Fleas	<i>Ctenocephalides felis (EU & USA)</i>	x	x	x

(Continue on next page)

Canine Models (Continued)

Model	Clinvet SA	Clinvet Morocco	Clinvet USA	Mauritius
Helminths	<i>Ancylostoma caninum (USA)</i>	x		x
	<i>Ancylostoma braziliense (RSA)</i>	x		x
	<i>Dipylidium caninum canine genotype (USA)</i>	x	x	x
	<i>Echinococcus multilocularis (in development)</i>	x		
	<i>Spirocerca lupi (RSA)</i>	x		
	<i>Toxocara canis (EU/USA)</i>	x		x
	<i>Toxocara leonine (EU/USA)</i>	x		x
	<i>Trichuris vulpes (EU/USA)</i>	x		x
	<i>Uncinaria stenocephala (EU/USA)</i>	x	x	
Natural infections	<i>Ancylostoma caninum</i>			x
	<i>Ancylostoma braziliense</i>			x
	<i>Dipylidium caninum</i>			x
	<i>Spirocerca lupi</i>			x
	<i>Toxocara canis</i>			x
	<i>Trichuris vulpis</i>			x
Heart/Lung	<i>Dirofilaria immitis (EU/USA)</i>		x	
	<i>Angiostrongylus vasorum (EU)</i>		x	
Protozoan TBD	<i>Anaplasma phagocytophilum</i>	x	x	x
	<i>Babesia canis</i>	x		
	<i>Babesia rossi</i>	x		
	<i>Babesia vogeli</i>	x		x
	<i>Ehrlichia canis</i>	x		
	<i>Borrelia burgdorferi</i>			x
	<i>Leishmania infantum (natural infections)</i>		x	
Viral	<i>Canine Parvovirus</i>		x	
	<i>Canine Distemper Virus</i>		x	
	<i>Infectious Canine Hepatitis Virus</i>		x	
	<i>Canine Adeno Virus 2</i>		x	
	<i>Canine Parainfluenza Virus</i>		x	
	<i>Leptospira</i>		x	
Bacteria	<i>Bordetella bronchiseptica</i>		x	

[Back to Top](#)

Feline Models

Model	Clinvet SA	Clinvet Morocco	Clinvet USA
Bioequivalence	x		x
Pharmacokinetics	x		x
Palatability	x		x
Target animal safety	x		x
Vaccine challenge and duration of immunity			x
Ticks	<i>Amblyomma americanum (USA)</i>	x	
	<i>Dermacentor reticulatus (EU)</i>	x	
	<i>Dermacentor variabilis (USA)</i>	x	x
	<i>Haemaphysalis elliptica (RSA)</i>	x	
	<i>Ixodes ricinus (EU)</i>	x	
	<i>Ixodes scapularis (USA)</i>	x	
	<i>Rhipicephalus sanguineus (EU/USA)</i>	x	x
Mites	<i>Rhipicephalus turanicus</i>	x	
	<i>Otodectes cynotis</i>	x	
Mosquitoes	<i>Aedes aegypti (RSA/EU/USA)</i>	x	x
	<i>Culex quinquefasciatus (RSA)</i>	x	
Fleas	<i>Ctenocephalides felis (EU/USA)</i>	x	x
Helminths	<i>Ancylostoma tubaeforme</i>	x	x
	<i>Ancylostoma braziliense</i>	x	x
	<i>Dipylidium caninum (feline genotype)</i>	x	x
	<i>Dirofilaria immitis</i>		x
	<i>Toxocara cati</i>	x	x
	<i>Toxascaris leonina</i>	x	x
	<i>Echinococcus multilocularis</i>	x	
Viral	<i>Feline Leukemia Virus</i>		x
	<i>Feline Calicivirus</i>		x
	<i>Feline Viral Rhinotracheitis</i>		x
	<i>Feline Panleukopenia Virus</i>		x
Bacteria	<i>Chlamydophila felis</i>		x

In vitro screening Models

Parasite	Type of Assay	Clinvet SA	Clinvet Morocco	Clinvet USA	
Endoparasites	<i>Haemonchus contortus</i>	x			
	<i>Trichostrongylus colubriformis</i>	x			
Ectoparasites	<i>Soft ticks</i>				
	Companion animal ticks				
	<i>Rhipicephalus sanguineus</i>	Contact (LPT, LIT, AIT) Membrane feeding on 6/24-well plates; medium throughput	Different sites depending on specific requirements		
	<i>Ixodes ricinus</i>				
	<i>Ixodes hexagonus</i>				
	<i>Dermacentor variabilis</i>				
	<i>Dermacentor reticulatus</i>				
	<i>Amblyomma americanum</i>				
	Production animal ticks				
	<i>Rhipicephalus microplus</i>				
	<i>Rhipicephalus appendiculatus</i>				
	Fleas				
	<i>Ctenocephalides felis</i>	Contact motility	x		
	Mosquitoes				
<i>Aedes aegyptii</i>	Contact and Membrane feeding	x	x		
<i>Aedes albopictus</i>			x		
Flies					
<i>Glossina spp</i>	Membrane feeding	Depending on specific requirements			

[Back to Top](#)

In vivo small animal Models

Parasite	Type of Assay	Clinvet SA	Clinvet Morocco	Clinvet USA
Endoparasites	<i>Haemonchus contortus</i>			x
	<i>Trichostrongylus colubriformis</i>			x
Ectoparasites	<i>Rhipicephalus sanguineus</i>	x		
	<i>Ctenocephalides felis</i>	x		
	<i>Aedes aegyptii</i>	x		
	<i>Aedes albopictus</i>		x	
Blood parasites	<i>Trypanosoma congolense</i>		x	

[Back to Top](#)

Rodenticides, pesticides and repellency research Models

Parasite	Clinvet SA
<i>Anopheles quadriannulatus</i> - malaria mosquito (non-vector carrier)	x
<i>Culex quinquefasciatus</i> - southern house mosquito	x
<i>Aedes aegypti</i> - yellow fever mosquito	x
<i>Musca domestica</i> - house fly	x
<i>Stomoxys calcitrans</i> - stable fly	x
<i>Lucilia cuprina</i> - blowfly	x
<i>Periplaneta americana</i> - American cockroach	x
<i>Blatella germanica</i> - German cockroach	x
<i>Lepisma spp</i> - silverfish	x
<i>Alphitobius diaperinus</i> - lesser mealworm/litter beetle	x
<i>Dermestes maculatus</i> - hide beetle	x
<i>Rhyzopertha dominica</i> - lesser grain borer	x
<i>Sitophilus zeamais</i> - maize weevil	x
<i>Tribolium spp</i> - flour beetle	x
<i>Oryzaephilus surinamensis</i> - saw-toothed grain beetle	x
<i>Gryllus spp.</i> - crickets	x
<i>Plodia interpunctella</i> - Indian meal moth	x
Formicidae	x
<i>Cimex lectularius</i> - bedbug	x

[Back to Top](#)

CLINDATA Specialized Services

Data Management	Analytics
Study Planning	Statistical Input into Protocol
Data Capture Form Design & Review	Generation of Randomization Schedules
Database Design and Build	Analysis of PK/PD
Database Validation	(Parameter Estimation & Modelling)
Paper studies: Tracking, Data Entry and Quality Verification	Development of SAP & Output Shells
Data Review	Statistical Input into the Clinical Study Report
Weekly Status Reports	Creation of Outputs
External Data Reconciliation	Regulatory Submission Packages
Database Change Management	Integrated Summaries for Safety and Efficacy
Data Outputs (Efficacy Calculations)	
Database Archival (Extraction)	

Click here for [Clindata Brochure](#)

Link to websites

Company	Link
Clinglobal	www.clinglobal.com
Clinvet South Africa, Morocco & USA	www.clinvet.com
Clindata	www.clindata.global
Clinomics	www.clinomics.co.za
Cynvivo	www.cynvivo.com
ILRI	www.ilri.org