



Innovative semi-automated procedure

# TOX ready screen

*in vivo* Toxicology screening for Drug Discovery

Ready screen TOX is a new service for screening new drug candidates based on their *in vivo* toxicological properties. Standardization of protocols together with semi-automated procedures allow us to provide a fast, just on time service. Your drug discovery department can now benefit from the low cost and high reliability of our innovative service.

Order your study using our standard protocol:

### Step 1: Select animal model

Species / Strain	<input type="checkbox"/> Mouse ( <i>Mus musculus</i> ) / CD1	<input type="checkbox"/> Rat ( <i>Rattus norvegicus</i> ) / Wistar
Age / Sex	10 weeks / Female	8 weeks / Female

### Step 2: Define each experimental group

Experimental groups (one group per dose and drug candidate)	A	Negative control	6 animals
	B	Reference item: .....	6 animals
	C	Drug candidate 1: .....	6 animals
	D	Drug candidate 2: .....	6 animals
	↓	↓	↓
	X	Drug candidate N: .....	6 animals

### Standard protocol

GLP compliance	GLP-like in GLP facilities	
Species / Strain	<input type="checkbox"/> Mouse ( <i>Mus musculus</i> ) / CD1	<input type="checkbox"/> Rat ( <i>Rattus norvegicus</i> ) / Wistar
Acclimatisation period	At least 5 days prior to administration	
Number of animals	6 per group	
Route of Administration	Oral or intravenous (ip, id, im and others also available)	
Dose levels	One per test item. Different criteria for dose selection can be proposed	
Dose regime	Daily administration during seven days	
Observation period	7 days	
Body weight control	Twice	
Food consumption	Once	
Clinical signs	Daily	
Haematology /Biochemistry	Prior to sacrifice	
Necropsy	Macroscopic evaluation of all animals. Selected list of tissues preserved for histopathology. Histopathology not included	
Results	Comparison of toxicology profiles of candidates	
Final report	2 hard copies and pdf format (raw data in xls format)	