

**LIST OF PRECLINICAL STUDIES HANDLED BY MTR**

<b>S.NO.</b>	<b>TYPE OF STUDY</b>	<b>TEST SPECIES</b>
<b>Toxicity Study</b>		
1	Acute Oral Toxicity	Rat
2	Acute Oral Toxicity	Mice
3	Acute Intra muscular Toxicity	Rat
4	Acute Intravenous Toxicity	Rat
5	Acute Intradermal Toxicity	Rat
6	Acute Dermal Toxicity	Rabbit
7	Acute Dermal Toxicity	Rat
8	Acute Dermal Skin Irritation	Rabbit
9	Intra-cutaneous Reactivity	Rabbit
10	Acute Eye Irritation	Rabbit
11	Skin Sensitization	Guinea pig
12	Micronucleus Study	Mice
13	28 days repeated dose toxicity	Rat
14	90 days repeated dose toxicity	Rat
15	Abnormal Toxicity	Mice
16	Biological Assay	Rat
<b>Pharmacology Study</b>		
17	Anti-Allergic Efficacy study	Rabbit
18	Anti-Cataract Efficacy Study.	Rat
19	Anti-psoriasis study	Mice
20	Bone implantation Study	Rat
21	Blood Clotting Study	Rabbit
22	Phlebitis -IV injection Study	Rabbit
23	Monoclonal Antibody generation and purification	Mice
24	Polyclonal Antibody generation and purification	Rabbit
25	Affinity purification of Antibody	Rabbit,Mice
26	Wound Healing	Rat
27	Hair Follicle Regeneration study	Rat
28	Pharmacokinetics study by Oral route	Rabbit
29	Pharmacokinetics study by Oral route	Rat
30	Pharmacokinetics study by Ocular route	Rabbit
31	Pharmacokinetics study by Sublingual route	Rabbit
32	Pharmacokinetics study by Intramuscular route	Rat
33	Pharmacokinetics study by Intramuscular route	Rabbit
34	Bioavailability study by Intravenous route	Rabbit
35	Bioavailability study by Oral route	Rabbit
36	Bioavailability study by Sublingual route	Rabbit
37	Ex-vivo Lymph node Assay	Mice

S.NO.	TYPE OF STUDY	TEST SPECIES
<b>In vitro Study</b>		
38	Bacterial Reverse Mutation Assay	<i>Salmonella typhimurium</i>
39	Chromosomal Aberration	Peripheral Lymphocytes
40	Cytotoxicity	CHO cell line
41	Franz Diffusion Studies	Not Applicable
42	Method Development and Validation of Pharmacokinetic Assay of Etenerecept	Not Applicable
43	SOD Assay	Not Applicable
44	ELISA Method for rh FSH for both Pharmacokinetic and Immunogenicity	Not Applicable
45	Trans-differentiation of stem cell	Rat
46	Trans-differentiation of stem cell	Mice
47	Characterization of Stem cell using Flow cytometer	Rat, Mice, Human
<b>Microbiological Study</b>		
48	Microbial Enumeration Test	Bacterial & Fungus Strains
49	Antibiotic Sensitivity Test	Bacterial & Fungus Strains
50	Time Kill Assay	Bacterial Strains
51	Preservative Efficacy Test	Bacterial Strains
52	Minimum Inhibitory Concentration	Bacterial & Fungus Strains
53	Microbial Limit Test	Bacterial Strains
54	Endotoxin toxicity study	Bacterial Strains
55	Identification of Micro organism	Bacterial & Fungus Strains
<b>Histopathology</b>		
56	Immuno-Histo Chemistry	Skin Tissues
57	General Histology processing and examination	All Tissues