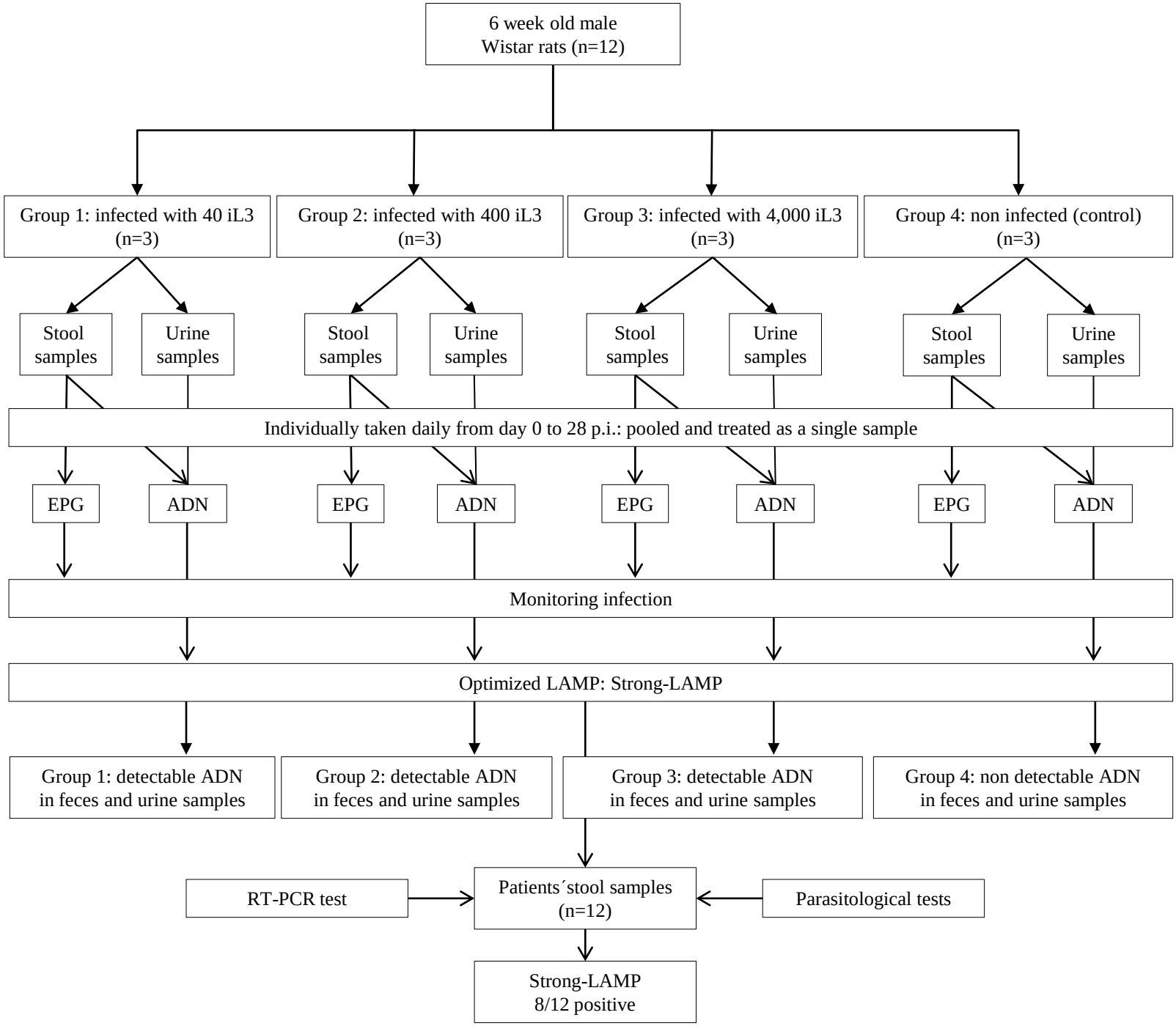
6 week old male
Wistar rats (n=12)
Group 1: infected with 40 iL3
(n=3)
Group 2: infected with 400 iL3
(n=3)
Group 3: infected with 4,000 iL3
(n=3)
Group 4: non infected (control)
(n=3)
Stool samples
Urine samples
Stool samples
Urine samples
Stool samples
Urine samples
Stool samples
Urine samples
Individually taken daily from day 0 to 28 p.i.: pooled and treated as a single sample
EPG
ADN
EPG
ADN
EPG
ADN
EPG
ADN
Monitoring infection
Optimized LAMP: Strong-LAMP
Group 1: detectable ADN
in feces and urine samples
Group 2: detectable ADN
in feces and urine samples
Group 3: detectable ADN
in feces and urine samples
Group 4: non detectable ADN
in feces and urine samples
RT-PCR test
Patients´stool samples
(n=12)
Parasitological tests
Strong-LAMP
8/12 positive