

Field collections

Rainy season
98 *B. senegalensis* and
6 *B. umblicatus*

Dry season
5 *B. senegalensis* and
24 *B. umblicatus*

Immersion in water

Positive cercarial shedding test
B. senegalensis (28/98) and
B. umblicatus (3/6)

Positive Dra1 PCR
B. senegalensis (32/98)
and
B. umblicatus (5/6)

Positive RD Schistosoma PCR
B. senegalensis (16/98) and
B. umblicatus (3/6)

Viable more than 24h
B. senegalensis (5/5) and *B. umblicatus* (7/24)

Survived less than 24h
B. umblicatus (7/24)

Dead: no sign of life
B. umblicatus (10/24)

Negative to cercarial shedding test and PCR tests