PLATE-1

(a): Macrophotograph of tick vector of babesiosis in Gir animal
*Rhipicephalus (Boophilus) microplus*

(b): Microphotograph of tick *Rhipicephalus (Boophilus) microplus*
PLATE-2

Ticks infestation on body surface of Gir animal
PLATE-3

General weakness, emaciation, dullness and depression in *Babesia* infected Gir animal
PLATE-4

(a): Congested mucous membrane of eye in *Babesia* infected Gir animal

(b): Pale mucous membrane of eye in *Babesia* infected Gir animal
PLATE-5

(a): Serous nasal discharge in *Babesia* infected Gir animal

(b): Lacrimation in *Babesia* infected Gir animal
PLATE-6

Haemoglobinurea in *Babesia* infected Gir animal
Microphotograph of pear-shaped Babesia spp. on Giemsa stained blood smear
Agarose gel (1.2%) electrophoresis showing amplified DNA of *Babesia* spp. (408 bp)

Lane 1, 2, 9: Negative amplification of *Babesia* spp. from genomic DNA test samples

Lane 3: Negative control

Lane 4: Positive control for *Babesia* spp.

Lane M: Molecular Size ladder 100 bp

Lane 5, 6, 7, 8: Amplification of *Babesia* spp. from genomic DNA test samples