

**Fig3. Confirmation of the accuracy and specificity in TaqMan qPCR using agarose gel electrophoresis.**

A single band was detected from blood samples, whereas two bands were detected from stool samples. There was no band in the negative control (human cells). IV is intravenous injection, IM is intramuscular injection, and IP is intraperitoneal injection of hEPO coding naked plasmid. HK: HK-2 cells (10 ng/μL), HuH7: HuH-7 cells (10 ng/μL), HEF: Human embryonic fibroblasts cells (10 ng/μL), 293: Human embryonic kidney 293 cells (10 ng/μL), HMS: Human mesenchymal stem cells (10 ng/μL), DW: Distilled water.