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| Detection of canine parvovirus in Iraq by using rapid antigen test kit and Haemagglutination- inhibition test | Research Title  |
| Single | H.A. Al-Bayati, Sh.M. Odisho and H.A. Majeed | Shared name  | Shared or Single |
| AL-Anbar J. Vet. Sci.  | Published Journal title  |
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| This study considered to be the first in Iraq conducted for detection of canine parvovirus from dogs. This virus was detected in pups brought to private Vet. Clinics in Baghdad. Pup suffered from bloody diarrhea, vomiting, dehydration and increased body temperature. Canine parvovirus antigen detection by using rapid antigen test kit and Heamagglutination- inhibition. The result of rapid test showed the ratio of positive samples was 66.6%.The fecal samples were checked for Haemagglutination potential using different types of erythrocyte which include rabbit, chicken, horse and doges and showed high potential HA activity, if this test performed early at the time of sample collection. The values ranging from 16-512 HA. Serological characterization using HI test by using anticanine parvovirus antibodies which were prepared against standard attenuated vaccine in rabbit which gave titer of 64 HI .Other fecal samples checked for HI and gave high titer. | Abstract |