

**PERBANDINGAN PENGUJIAN CEMARAN MIKROBA PADA DAGING  
DI WILAYAH DAERAH ISTIMEWA YOGYAKARTA OLEH BALAI  
PENGEMBANGAN BIBIT PAKAN TERNAK DAN DIAGNOSTIK  
KEHEWANAN (BPBPTDK) DAN BALAI BESAR VETERINER WATES  
(BBVET WATES)**

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**INTISARI**

Daging mempunyai peranan penting dalam pemenuhan gizi masyarakat seperti protein hewani, namun dapat menjadi media yang baik bagi perkembangbiakan mikroorganisme dan dapat bertindak sebagai pembawa beberapa jenis penyakit yang sifatnya berbahaya bagi manusia. Unit Pelayanan Teknis Daerah Balai Pengembangan Bibit Pakan Ternak dan Diagnostik Kehewan (UPTD BPBPTDK) dan Balai Besar Veteriner Wates (BBVET Wates) merupakan instansi di wilayah Yogyakarta yang melakukan pengujian cemaran mikroba dengan parameter uji *Total Plate Count* (TPC), Uji *Most Probable Number* (MPN) *E. coli*, Uji *Most Probable Number* (MPN) *Coliform* serta Uji Isolasi dan Identifikasi *Salmonella sp.* Dari 10 sampel daging sapi yang diuji oleh UPTD BPBPTDK, rata-rata sebanyak 80% daging sapi tercemar *Total Plate Count* (TPC), 100% tercemar *Coliform*, 60% tercemar *E. coli* dan negatif *Salmonella sp.* Sebanyak 21 sampel daging sapi dan ayam yang diuji oleh BBVET Wates, 100% daging tercemar oleh *Total Plate Count* (TPC), 23,5% tercemar *Coliform*, 11,7% tercemar *E.coli*, dan negatif *Salmonella sp.* Secara umum cemaran mikroba yang diuji oleh UPTD BPBPTDK lebih tinggi dibandingkan dengan BBVET Wates.

**Kata kunci :** *daging, cemaran mikroba, Total Plate Count, Coliform, E.coli, Salmonella*

**COMPARISON OF MICROBIAL CONTAMINATION TEST ON MEAT  
IN REGIONAL OF YOGYAKARTA BY THE REGIONAL TECHNICAL  
SERVICE UNIT OF ANIMAL FEED DEVELOPMENT AND  
VETERINARY DIAGNOSTIC (UPTD BPBPTDK) AND VETERINARY  
WATES (BBVET WATES)**

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**Abstract**

Meat have an important role in the compliance of community nutrition such as animal protein, but can be a good medium for the growth of microorganisms and can act as a carrier of several types of diseases that are harmful to humans. The Regional Technical Service Unit of Animal Feed Development and Veterinary Diagnostic (UPTD BPBPTDK) and Veterinary Wates (BBVET Wates) is an agency in Yogyakarta that conducts microbial contamination testing with test parameters *Total Plate Count* (TPC), *Most Probable Number* (MPN) Test *E. coli*, *Most Probable Number* (MPN) Test *Coliform* and Isolation and Identification of *Salmonella sp.* The 10 samples of beef tested by UPTD BPBPTDK, an average 80% of beef contaminated *Total Plate Count* (TPC), 100% contaminated *Coliform*, 60% contaminated *E. coli* and negative *Salmonella sp.* A total of 21 samples of beef and chicken were tested by BBVET Wates, 100% of the meat was contaminated by *Total Plate Count* (TPC), 23.5% were contaminated by *Coliform*, 11.7% were contaminated with *E.coli*, and negative *Salmonella sp.* In general, microbial contaminants tested by UPTD BPBPTDK are higher than BBVET Wates.

**Keywords:** *meat, microbial contamination, Total Plate Count, Coliform, E.coli, Salmonella*