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ELECTRONIC THESIS AND DISSERTATION UNSYIAH

TITLE

TOTAL BAKTERI ESCHERICHIA COLI PADA SUSU KAMBING PERANAKAN ETAWAH DI KELURAHAN IBUH
KECAMATAN PAYAKUMBUH BARAT PROVINSI SUMATERA BARAT TOTAL BAKTERI ESCHERICHIA COLI PADA
SUSU KAMBING PERANAKAN ETAWAH DI KELURAHAN IBUH KECAMATAN PAYAKUMBUH BARAT PROVINSI
SUMATERA BARAT

ABSTRACT

THE TOTAL OF *Escherichia coli* COUNT IN FRESH MILK
OF ETAWAH CROSS BREED IN IBUH VILLAGE
WEST PAYAKUMBUH SUBDISTRICT
WEST SUMATERA PROVINCE

ABSTRACT

This research was done to count the total of *Escherichia coli* in fresh milk of etawah cross breed in Ibh Village, West Payakumbuh Subdistrict, West Sumatera Province. Samples were twelve of fresh milk that taken from dairy farm in the Ibh Village, West Payakumbuh Subdistrict, West Sumatera Province. Samples were taken three times with an interval of one week. Bacteria was counted using total plate count (TPC) method based on Standar Nasional Indonesia (SNI) by serial dilution (10-1-10-5). The result of this research shows that no *Escherichia coli* detected in fresh milk from Ibh Village, West Payakumbuh, West Sumatera Province. It can be concluded that the fresh milk in the dairy farm in Ibh Village, West Payakumbuh Subdistrict, West Sumatra province, not contaminated with *Escherichia coli*.