MEASUREMENT THE CONTENT OF SOLUBLE PROTEIN FROM
*Aeromonas hydrophila* USING NANO DROP
SPECTROPHOTOMETER METHODE

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ABSTRACT

The purpose of this research was to determine the measurements of soluble protein of *Aeromonas hydrophila*. The research had been done in May – July 2015 at Veterinary Faculty of Airlangga University and Tropical Disease Center of Airlangga University. Three samples used in this study were protein isolated from *Aeromonas hydrophila*. The method used in this research is Nano Drop Spectrophotometer. This module displays the UV spectrum, measures the protein’s absorbance at 260 nm and calculates the concentration (mg/ml). The results of the measurements showed that sample 1 : 28.61 mg/ml, sample 2 : 32.73 mg/ml, sample 3 : 34.56 mg/ml.

Key words: *Aeromonas hydrophila*, spectrophotometric method, soluble protein.