

**The correlation between Intake of Vitamin A, Zinc, and Fe with Stunting
toward the Students of Muslimat NU 01 Kindergarten of
Pasirian District Lumajang**

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ABSTRACT

Short physical (Stunting) is a short condition of body and really short up to over deficit -2SD under the long median or height. Vitamin A, zinc, and Fe substance needed to support growth and development especially for kids (3 – 6 years old). The research was purposed to know the correlation between intake of vitamin A, zinc, and Fe with stunting toward the Students of Muslimat NU 01 Kindergarten of Pasirian District Lumajang. This research used cross sectional design with analytic survey method. The subjects of the research were 41 students of 124 students. The process of data collection of the height subject was done by measuring with microtoise, whereas the data collection of Vitamin A, zinc, and Fe were done by giving questioner about the food consumed by subject through SQ – FFQ. The result of this research showed that 21 subjects were stunting, there were 15 female subjects (71,42%) and 6 male subjects (28,57%). The conclusion of this research that there was correlation between intake of vitamin A ($p=0,036$), zinc ($p=0,000$), Fe ($p=0,000$) with stunting toward the Students of Muslimat NU 01 Kindergarten of Pasirian District Lumajang.

Keyword: Fe intake, vitamin A intake, zinc intake, stunting