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[The detection of nanobacteria infection in serum of healthy Chinese people]

[Article in Chinese]

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OBJECTIVE: Nanobacteria, a new kind of bacteria found by a Finnish scholar, is considered to relate to many human diseases like nephrolithiasis. However, there are no data available on nanobacteria infection in Chinese people. **METHODS:** Nanobacteria was detected in serum of 336 cases of healthy adults in Southern China by enzyme-linked immunosorbent assay (ELISA) and immunohistochemistry stain. The monoclonal antibody of nanobacterium was supplied by Kuipio University of Finland. **RESULTS:** Nanobacteria infection rates were 27 (8.0%), 19 (5.7%) in the healthy adults by ELISA and immunohistochemistry stain respectively. No difference was shown between the 2 methods and between male and female, statistically. Age and sex did not seem to be related to the infectious risk of nanobacteria. However, the infectious rate was lower in those below 30-year-old than that of people over 60-year-old ($P < 0.05$). **CONCLUSION:** Nanobacteria was existed in the serum of Chinese healthy people with an infectious rate of 8.0%.