

CXCL-13 and CCL-20 as Biomarkers in Patients with *Helicobacter pylori*

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SUMMARY. The aim of this study is to measure the blood levels of the biomarkers CXCL-13 and CCL-20 in people with *Helicobacter pylori*. The study's participants were 30 healthy controls and 70 *H. pylori*-infected patients. Using an ELISA test, CCL-20 and CXCL-13 levels in each person's serum were examined. CXCL-13 and CCL-20 serum level was significantly higher ($P \leq 0.05$) in *H. pylori* patients than in controls. **Conclusions:** A potential biomarker for *H. pylori* infection might be CXCL-13 and CCL-20.

RESUMEN. El objetivo de este estudio es medir los niveles en sangre de los biomarcadores CXCL-13 y CCL-20 en personas con *Helicobacter pylori*. Los participantes del estudio fueron 30 controles sanos y 70 pacientes infectados con *H. pylori*. Usando una prueba ELISA, se examinaron los niveles de CCL-20 y CXCL-13 en el suero de cada persona. El nivel sérico de CXCL-13 y CCL-20 fue significativamente mayor ($P \leq 0.05$) en pacientes con *H. pylori* que en los controles. **Conclusiones:** Un biomarcador potencial para la infección por *H. pylori* podría ser CXCL-13 y CCL-20.

KEY WORDS: biomarkers, CCL-20, CXCL-13, *H. pylori*, patients.

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