**Brief Communication** 

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## Detection of the preparation Nurofen Plus in biological fluids

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## Abstract

The optimal conditions were defined for isolating ibuprofen and codeine from Nurofen Plus drug in biological fluids and medicines at pH 2 environment, codeine chloroform at pH 10 environment. The tested substances were identified with the use of color and sedimentary reactions by IR, UV spectroscopy, thin-layer and gas chromatography with mass-selective detector and high-performance chromatography. Quantitative determination in extracts of biological fluids was performed by HPLC chromato-densitometry and UV spectroscopy. The results of the three methods are comparable.