Abstract

The invention concerns a test system for carrying out blood sugar tests with a diagnostic tape cassette (12) which comprises a windable analytical test tape (50) for detecting an analyte and a cassette housing (48) accommodating the test tape (50), and a test device (10) which has a device housing (16) for inserting and removing the tape cassette (12) and a measuring unit (22) for detecting the analyte on the test tape (50). According to the invention it is proposed that the tape cassette (12) can be detachably fastened by positioning elements (24) on a platform (20) mounted in the device housing (16) and that the measuring unit (22) is rigidly attached on the platform (20) or can be engaged therewith.