



Capitainer

SAMPLING YOU CAN TRUST

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Results : Self-sampling success rate

Covid-19 antibody testing provided by Region Västerbotten and Xerum AB to the population Region Västerbotten^[1]

During March 2021, 2.900 Capitainer qDBS home sampling kits were sent out via mail to first time users in Region Västerbotten of which 2.162 sampling cards came back to the laboratory for analysis.

Of these 2.162 cards;

- 1.932 (**89,4 %**) users had succeeded in leaving two successful samples (1 full sampling card)
- 2.096 (**96,5 %**) users had succeeded in leaving at least one successful sample

Result: **96,5 %** of the samples received at the laboratory could be used for a **clinical** decision.

Xerum behind Västerbotten's home COVID-19 antibody test



25.02.2021

From March 1st Västerbotten will become the first region in Sweden to offer its residents home testing kits that can detect antibodies for COVID-19.

From the beginning of next month the county's residents can order a home testing kit and take a capillary blood sample by pricking their finger. The sample can then be sent by regular mail for analysis in a laboratory. After being analysed – a process that takes about two weeks – residents will receive an SMS or email and can log in to www.direkttest.se to view their test result.

Results : Self-sampling success rate

Covid-19 antibody testing using Capitainer home sampling in the BAMSE project ^[2]

The BAMSE (Swedish abbreviation for Children, Allergy, Milieu, Stockholm, Epidemiology) study is an ongoing longitudinal, population-based prospective birth cohort including 4,089 children born between 1994 and 1996 in Stockholm, Sweden and has contributed to more than 200 scientific publications.

The project currently aim at investigating how immunity to the Sars-CoV-2 virus develops in young adults, and to assess the importance of different risk factors for Covid-19 disease. For this study, Capitainer qDBS self-sampling systems were used.

1614 study participants received a self-sampling kit posted via mail. Of these first-time users, 1378 (**85%**) succeeded in leaving at least one successful sample on the card using the home sampling kit. 1272 (**79%**) succeeded at the first try.

A few months later, 700 participants executed sampling again under supervision at a health care center with a success rate of **100 %** (two successful samples per card).

