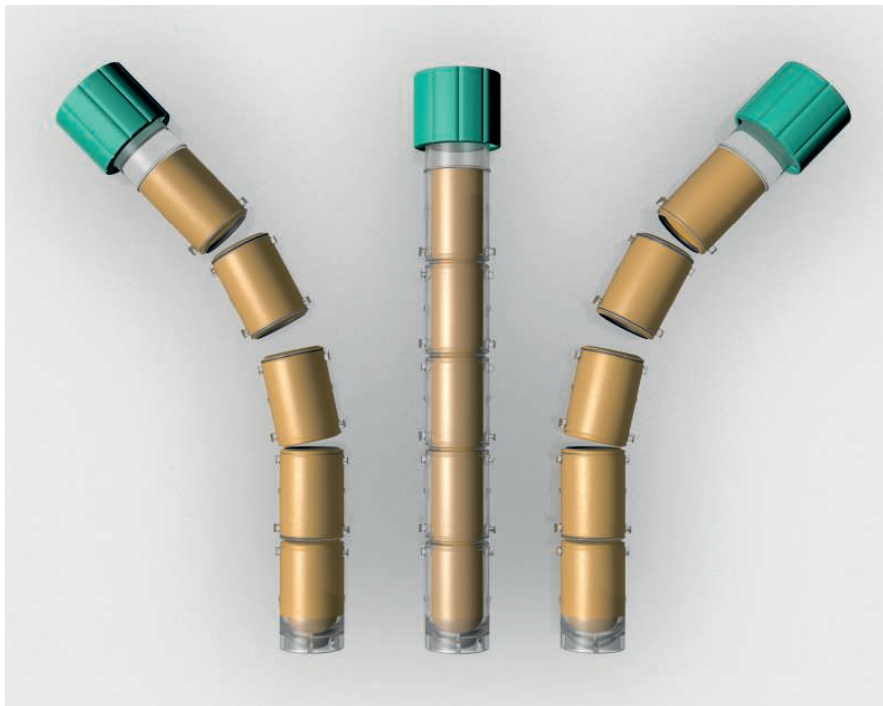




1CryoBio FlexiQuot™

Fill it, freeze it, snap it

A new sub-dividable cryo-tube to address the problems of storing and handling frozen samples. The new FlexiQuot™ combines the flexibility of several 1 ml. cryo-tubes with the cost effectiveness of one 5 ml. cryo-tube.



New!

Intellectual Property:
The FlexiQuot™ is protected by patents
Danish design and Swiss quality

You store hundreds of thousands of samples. If you're using multiple smaller tubes, or larger tubes that are repeatedly thawed and refrozen, you are limiting your chances of success. In the first case, you increase the possibility of human error and you occupy more volume in the freezer, in the second case you decrease the quality of the sample use by use. What would be the solution?

The FlexiQuot dividable cryotube helps you advance frozen sample storage (bloodbanks, biobanks, research centers, laboratories etc). With its ability to hold multiple samples in one vial, you can snap off what you need and put the rest back to the freezer - without having to thaw the content of the entire vial.

Market Applications and intended use

FlexiQuot™ is invented by leading Danish scientists specializing in biomarkers at the clinical Research Centre, Hvidovre Hospital. The cryo-tube is easily divided into subsections by use of a break tool operated by hand. One or more subsections can be broken off while the sample remains frozen. The sample material in the broken-off subsections is thawed and used for analysis, while the material in the remaining subsections is kept frozen and used for analysis at a later date. Each sample can thereby be used for multiple analyses without deteriorating the quality of the sample material from repeated thawing and refreezing.

Need

- + The continuous advances in biomarker research makes it impossible for scientists to predict how biological sample material can be fully utilized when the material is collected and stored.
- + In order to make optimal use of their limited and valuable sample material scientists needs storage tools that easily allows for flexibility, so that new and future research opportunities can be pursued.
- + Traditionally handling of a large amount of 1ml tubes is cumbersome and time consuming and requires a big amount of storage place.
- + Repetitive freeze / thawing of 5 ml biological material is destroying the sample quality.

Solution

- + FlexiQuot™ combines the flexibility of the 1 ml. Cryo-tube with the cost effectiveness of the 5 ml. Cryo-tube and is the first product defining the next generation in cryo-tubes for biomarker research.

Key Benefits



Improves labor efficiency



Reduces contamination



Increases long-term sample handling flexibility



Increases sample tracking efficiency



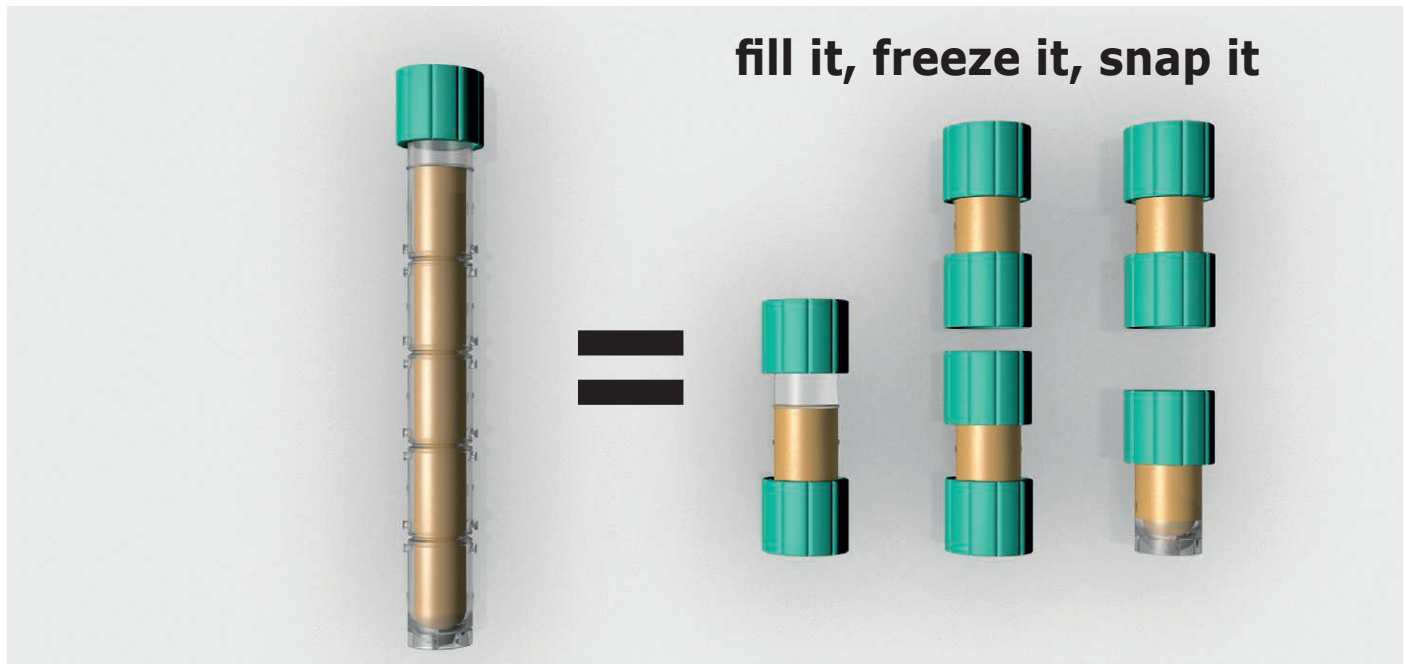
Improves freezer storage efficiency



Makes it easy to give away a sample to other researchers



Increases sample quality and stability



Specification, Quality and Interfaces QA/QC

- + Volume 5 ml *
- + Dividable into 5 subsections of 1 ml
- + Temperature up to -196°C **
- + Labeling
- + Snapping tool and holder
- + Bayonet connector including locker
- + Max. 9 caps used per tube
- + Storage system
- + Secure ID of every subsection
- + Non-pyrogenic
- + Sterile
- + Sealed
- + Free of detectable endotoxins
- + Free of detectable DNase, RNase
- + Functionality and performance tests

Sample integrity and quality remain unchanged

- + Concentrations of small molecules and electrolytes in plasma samples in divided subsections of FlexiQuot™ have been analyzed after being frozen and thawed and compared with the concentrations in the complete sample prior to freezing. Test result: No sedimentation across the dividable subsections of the FlexiQuot™.
- + The subsections can be divided easily when using the break snapping tool, irrespective of whether it is the first subsection.

* Length 110 mm with cap / outer diameter 11 mm / outer diameter with closure 13 mm / inner diameter 9 mm

** **WARNING:** Do not use Cryovials for storage in the liquid phase of liquid nitrogen. Such use may cause entrapment of liquefied nitrogen inside vial and lead to pressure build-up resulting in possible explosion or biohazard release. Use appropriate safety producers when handling and disposing of vials.

Description	Purchase No.	Qty/Bag	Price EUR
FlexiQuot™ - Vial	7.931 024	250	465,00
FlexiQuot™ - Lid	7.931 025	250	196,00
FlexiQuot™ - Label Printed	7.931 026	250	186,00
FlexiQuot™ - Label Blank	7.931 027	250	159,00
FlexiQuot™ - Snapping Tool	7.931 028	1	28,50
FlexiQuot™ - Holder	7.931 030	1	19,60

FlexiQuot™ Vial, Lid and Label



Label



Lid

