

making a difference



FOR EFFICIENCY AND TRACEABILITY IN SAMPLE COLLECTION

VACUETTE® + MINICOLLECT®

Pre-Barcoded Tubes

Increasing safety by minimizing patient sample mix-ups, reducing the complexities of sample collection to improve efficiency and shorten TATs.


greiner
BIO-ONE

Globally standardized
barcodes for compatibility with
instrumentation vendors.

Ensuring the best
basis for digitalization
of preanalytical and
analytical processes.

PRE-BARCODED TUBES FOR TRACEABILITY

During the production process, VACUETTE® and MiniCollect® Complete pre-barcoded tubes are labelled with a code 128 10-digit barcode for unique identification as well as a 2D datamatrix, ensuring complete traceability from manufacturing up to analysis in the laboratory.

The precise barcode positioning on the label is in accordance with CLSI AUTO2-A2.

Used as part of an electronic health system, time consuming and error-prone manual labelling is a thing of the past.

Preventing simple errors during the preanalytical phase, such as mislabelling a tube, can be crucial. A mislabelled tube could be assigned to the wrong patient, potentially resulting in a misdiagnosis and incorrect therapy.

Benefits of a pre-barcoded tube as part of a software solution:

- / Transparency & traceability
- / Fewer manual steps, smaller window for error
- / No need for printed requests, saving on printer hardware and paper
- / The tube is pre-labelled with the barcode in the optimal position for reading by analysers and instruments, greatly reducing the chances of sample rejection in the lab



Evidence shows that more than 70% of errors in blood processing are made during the preanalytical phase.*

*Lippi G, Salvagno GL, Montagnana M, Lima-Oliveira G, Guidi GC, Favaloro EJ. Quality standards for sample collection in coagulation testing. Semin Thromb Hemost. 2012 Sep;38(6):565-75. doi: 10.1055/s-0032-1315961. Epub 2012 Jun 5. PMID: 22669757

WHAT COMMON ERRORS CAN BE PREVENTED DURING THE PREANALYTICAL PROCESS BY USING A PRE-BARCODED TUBE?

- / Incorrectly labelled tubes
- / Labels in wrong position, obstructing sample
- / Patient identification missing or wrong
- / Missing data, e.g. time of collection or name of phlebotomist

By using Greiner Bio-One's pre-barcode tubes, specimens are assigned immediately to a patient by a scan.

Used in conjunction with appropriate software, the data in the barcode indicates if a tube is expired, or if a wrong order of draw has occurred and warns the user. Furthermore, tubes need no longer be manually labelled, risking obstruction of sample, as the tubes are provided with the label already in the optimal place for instrumentation. Sample rejection by the lab means that blood collection needs to be repeated, causing consid-

erable delays in diagnosis.

Greiner Bio-One provides a broad pre-barcode solution, with not only blood collection tubes but also urine collection tubes and Mini-Collect® Complete tubes, to cover every need. Mini-Collect® Complete tubes for capillary blood collection have a standard dimension of 13x75mm making them suitable for automation and compatible with most instrumentation vendors.

**100% TRACK
& TRACE
WORLDWIDE**

from production to
sample disposal

VACUETTE®

Standardized label and barcode placement according to ISO guideline Code-128 for optimal readability on all common laboratory equipment

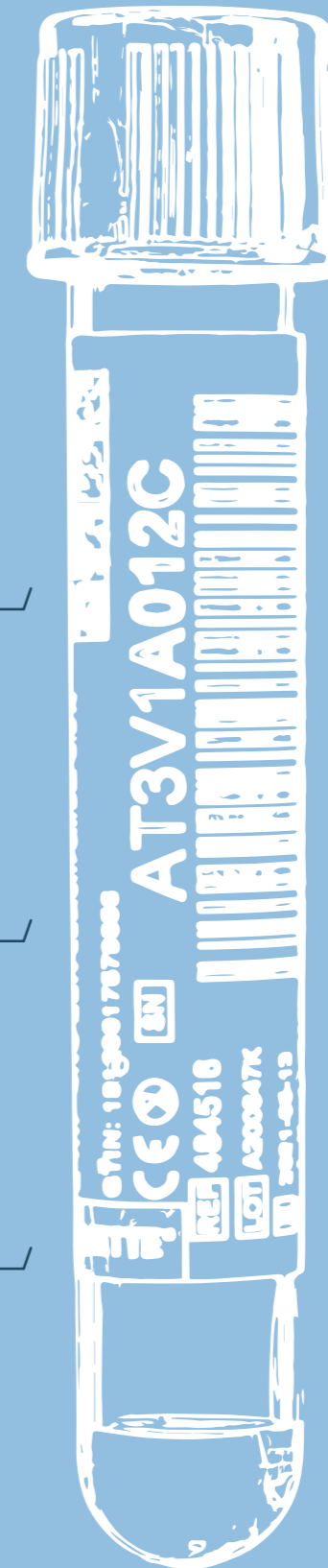
High barcode quality prevents smearing by disinfectants or sweat

Support of GDPR by pseudonymized barcode = no patient data on the tube

The item number is encoded in a barcode (GS1 DataMatrix) together with manufacturer-relevant information such as time and place of production, lot number or expiry date

Automated placement of barcode labels according to ISO allows free view of the sample material

Digital support in the use of the correct sample material during collection possible through coded sample type



VACUETTE® Blood Collection Tubes

All routine additives for venous blood collection are available in a pre-barcode version.



VACUETTE® Urine Collection Tubes

Urine tubes with and without additives are available with a pre-barcode label.



MiniCollect® Complete Capillary Blood Collection Tubes

All additives for capillary blood collection available in a pre-assembled Complete version with pre-barcode label (excludes coagulation tubes).

ADVANTAGES



IMPROVED TRACEABILITY

Standardized barcodes for identification and traceability of samples.



INCREASED EFFICIENCY

Fewer manual steps for prevention of errors in preanalytics.



EFFICIENT WORKFLOWS

Making digitalization of workflows possible.

**100% TRACK
& TRACE
WORLDWIDE**

from production to
sample disposal

MiniCollect® Complete

The item number is encoded in a barcode (GS1 DataMatrix) together with manufacturer-relevant information such as time and place of production, lot number or expiry date

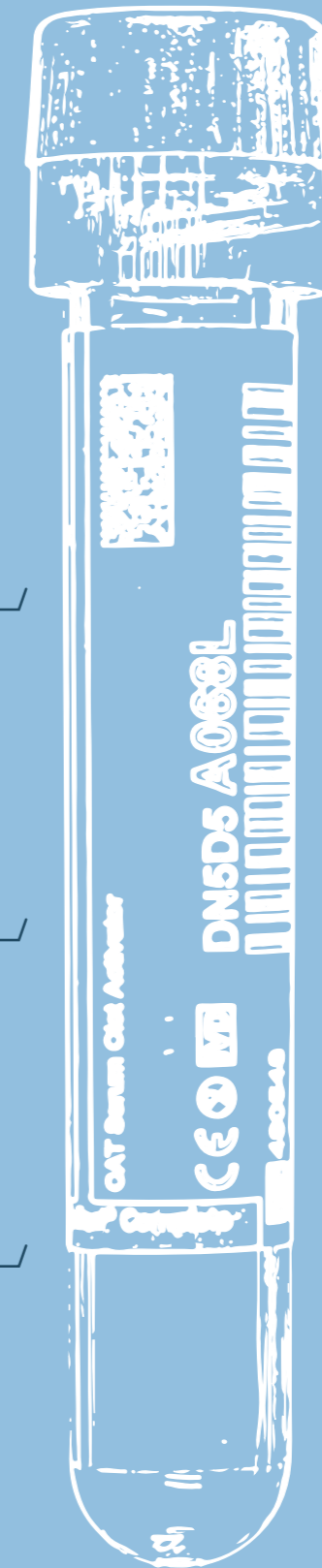
Automated placement of barcode labels according to ISO allows free view of the sample material

Digital support in the use of the correct sample material during collection possible through coded sample type

Standardized label and barcode placement according to ISO guideline Code-128 for optimal readability on all common laboratory equipment

High barcode quality prevents smearing by disinfectants or sweat

Support of GDPR by pseudonymized barcode = no patient data on the tube



PRODUCT OVERVIEW

VACUETTE® No Additive

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484088	2 ml	○ white	○ white	PREMIUM	13x75
484530	4 ml	○ white	● black	PREMIUM	13x75
485506	9 ml	○ white	● black	NR	16x100

VACUETTE® CAT Serum Clot Activator

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484525	4 ml	● red	● black	PREMIUM	13x75
485504	9 ml	● red	● black	NR	16x100
486504	6 ml	● red	● black	PREMIUM	13x100
484515	2 ml	● red	○ white	PREMIUM	13x75

VACUETTE® CAT Serum Separator Clot Activator

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484513	2.5 ml	● red	● yellow	PREMIUM	13x75
484514	3.5 ml	● red	● yellow	PREMIUM	13x75
485502	8 ml	● red	● yellow	NR	16x100
485514	4 ml	● red	● yellow	NR	16x100
486500	5 ml	● gold	● gold	PREMIUM	13x100
486503	5 ml	● red	● yellow	PREMIUM	13x100

VACUETTE® CAT Serum Fast Separator

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
486509	5 ml	● orange	● yellow	PREMIUM	13x100

VACUETTE® K2E EDTA

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484507	4 ml	● lavender	● black	PREMIUM	13x75
484526	3 ml	● lavender	● black	PREMIUM	13x75
484586	2 ml	● lavender	○ white	PREMIUM	13x75

VACUETTE® K3E EDTA

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484509	1 ml	● lavender	○ white	PREMIUM	13x75
484510	4 ml	● lavender	● black	PREMIUM	13x75
484511	3 ml	● lavender	● black	PREMIUM	13x75
484512	2 ml	● lavender	○ white	PREMIUM	13x75
485501	9 ml	● lavender	● black	NR	16x100

VACUETTE® 9NC Coagulation Sodium Citrate 3.2%

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484508	3 ml	● blue	● black	PREMIUM	13x75
484517	2 ml	● blue	○ white	PREMIUM	13x75
484518	3.5 ml	● blue	● black	PREMIUM	13x75
486505	5 ml	● blue	● black	PREMIUM	13x100

VACUETTE® LH Lithium Heparin

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484522	4 ml	● green	● black	PREMIUM	13x75
484589	2 ml	● green	○ white	PREMIUM	13x75
485222	4 ml	● green	● black	NR	16x100
486508	6 ml	● green	● black	PREMIUM	13x100

VACUETTE® LH Lithium Heparin Separator

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484523	3.5 ml	● green	● yellow	PREMIUM	13x75
485513	4 ml	● green	● yellow	NR	16x100

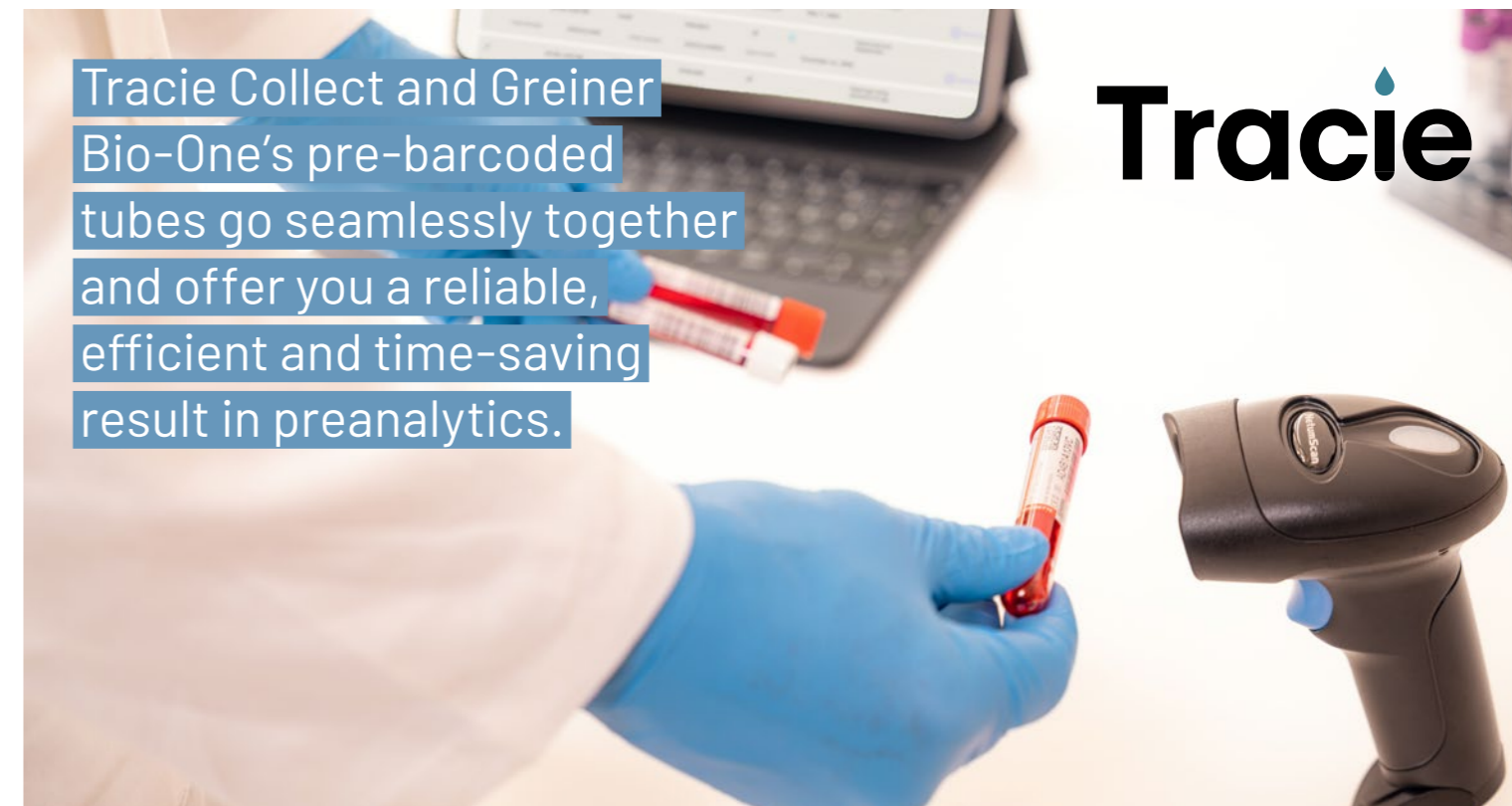
VACUETTE® NH Sodium Heparin

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484531	4 ml	● green	● green	PREMIUM	13x75

VACUETTE® FE Sodium Fluoride / K3EDTA

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484520	2 ml	● grey	○ white	PREMIUM	13x75
484527	4 ml	● grey	● black	PREMIUM	13x75

Tracie Collect and Greiner Bio-One's pre-barcoded tubes go seamlessly together and offer you a reliable, efficient and time-saving result in preanalytics.



VACUETTE® FX Sodium Fluoride / Potassium Oxalate

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484528	2 ml	● grey	○ white	PREMIUM	13x75

VACUETTE® 4NC ESR Sodium Citrate 3.2%

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
769094	1.5 ml	● black stopper	-	NR	9x120

VACUETTE® Urine CCM

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
484532	4 ml	● yellow	● black	NR	13x75
485511	10 ml	● yellow	● black	NR	16x100
496510	6 ml	● yellow	● black	NR	13x100

VACUETTE® Z Urine No Additive

Item No.	Nominal volume	Cap colour	Ring colour	Thread type	Tube size
486027	6 ml	● yellow	● yellow	PREMIUM	13x100
485507	9 ml	● yellow	● yellow	NR	16x100
485510	10 ml	● yellow	● yellow	NR	16x100
485523	7 ml	● yellow	● yellow	NR	16x100
495007	10 ml	● yellow	● yellow	NR	16x100
495028	9 ml	● yellow	● yellow	NR	16x100

MiniCollect®

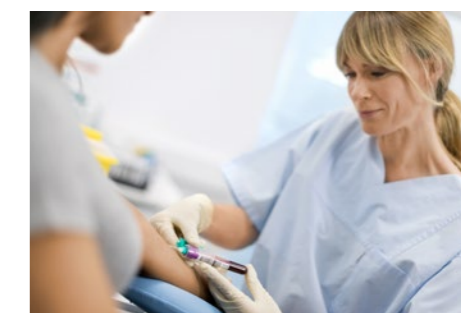
Item No.	Nominal volume	Cap colour	Tube type	Tube size
480546	0.25-0.5 ml	● lavender	K3E K3EDTA	13x75
480548	0.5 / 1 ml	● red	CAT Serum Clot Activator	13x75
480549	0.25 ml	● grey	FX Sodium Fluoride / Potassium Oxalate	13x75
480550	0.5 ml	● green	LH Lithium Heparin	13x75
480568	0.5 / 0.8 ml	● gold	CAT Serum Separator Clot Activator	13x75

This tube list remains valid until 30/06/2024 or until further notice.

THE DIGITAL FUTURE OF PREANALYTICS IS HERE: MEET TRACIE COLLECT

Tracie Collect supports the process of taking biological samples, enabling a tracked, controlled, and secure pre-analytical phase. This simplifies everyday life of healthcare professionals and improves the quality of medical care.

2 ORDER DATA IS TRANSFERRED FROM LIS TO TRACIE; TUBES FOR ORDER SAMPLES CAN BE PICKED UP.



1 VIA SCAN TRACIE IDENTIFIES THE PATIENT.



3 A FINAL SCAN OF THE TUBES ENSURES AN AUTOMATED UNIQUE ASSOCIATION OF TEST TUBES AND THE PATIENT.



making a difference

www.gbo.com

GREINER BIO-ONE GMBH
KREMSMÜNSTER, AUSTRIA

PHONE +43 7583 6791-0
FAX +43 7583 6318
E-MAIL office@at.gbo.com



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LOCAL PARTNER ON OUR WEBSITE.



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980037 en [rev. 00, 05.2024]


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