Access Sample Containers for Routine Operations on the DxC 600i

Container Usage			Access Rack Series	Dead Volume
Aliquot vessels are used for: • AV's transferred from CTA • Processing Access calibrators • Processing short samples directly on the Access			**1900 - 1999**	**100 µL**
2.0 mL DxC Cup or 2.0 mL Access Cup is used for Access Maintenance			**400 - 499**	**150 µL**

REFERENCES:

DxC 600/800 Instructions for Use, PN A93719AB (October 2012)
DxC 600i Instructions for Use, PN A93695AB (October 2012)
LX/DxC Primary Tube Sample Template, PN 967178
DxC 600i CTA Primary Tube Sample Template, PN A24677

This document is based on the references listed above. Always verify that you are using the most current information.

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DxC 600i Sample Containers Quick Reference Guide*

This document is intended as a guide for selecting the appropriate rack/container combination.
The information here is correct as of the date published. Always verify that you are using the most current information.

BEFORE USING THE TABLE INSIDE THIS DOCUMENT, FOLLOW THESE STEPS:

STEP 1: Is the sample container in a: 13 x 75 mm, 13x100 mm, 16 x 75 mm, or 16 x 100 mm Primary Tube?
  ✎ **YES**: Use the Primary Tube Sample Template (PN A24677) to verify adequate volume
    ↳ If the sample volume is adequate: Use a Non-reserved (**NON-R**) rack of the appropriate size.
    ↳ If the sample volume is NOT adequate: Go to STEP 2
  ✎ **NO**: Go to STEP 2

STEP 2: Are any Access tests ordered on the sample (with or without any DxC tests)?
    Note: The choice of container and rack combination should be based on the available sample volume.
  ✎ **YES,** Access tests are ordered: Use any appropriate **Code B** container and rack combination as defined in the table inside this document.
  ✎ **NO,** Only DxC tests are ordered: Use any appropriate **Code B** *or* **Code C** container and rack combination as defined in the table inside this document.

Container and Rack Recommendations for Special Purposes

DxC Calibrators: Use a 2.0 mL or 0.5 mL Sample Cup in the appropriate rack (see the table inside this document).

ACCESS Calibrators: Use Aliquot Vessels (AV) in a 1900 series Access rack. Load directly on the Access instrument.

DxC Controls: Use a 2.0 mL or 0.5 mL Sample Cup in the appropriate rack (see the table inside this document).

ACCESS Controls: Use a 1.0 mL Pediatric Insert Cup (conical bottom) in a 13 x 75 mm tube (see the table inside this document).

Requirements for Closed Tube Sampling

Only the following tubes have been validated for cap piercing by the DxC 600i

Becton Dickinson Hemogard Tubes
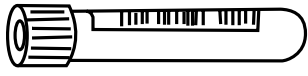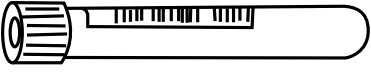   13 x 75 mm, 13 x 100 mm, 16 x75 mm, 16 x 100 mm
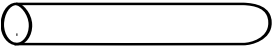
Greiner Vacuette Tubes
    13 x 75 mm, 13 x 100 mm
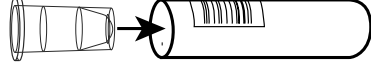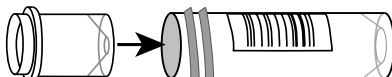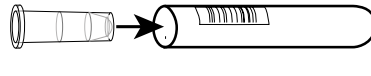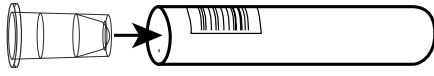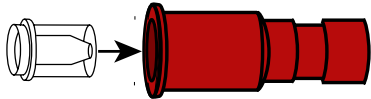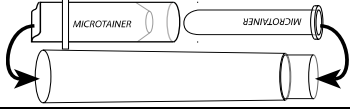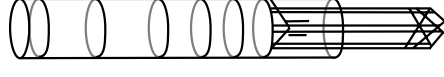
Sarstedt S-Monovette (requires hardware modifications)
    15 x 75 mm, 15 x 92 mm

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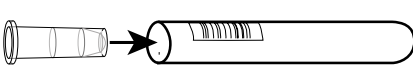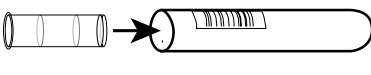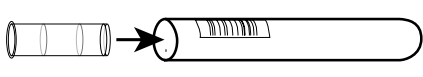| CODE	CONTAINER DESCRIPTION		CONTAINER PN	DxC RACK SIZE	Reserved ® or NON-R Rack?(Note 1)	Make aliquot at CTA for Access testing	Dead Volume at CTA (Note 2)	Process samples at the DxC	Dead Volume at DxC (Note 2)
A	13 x 75 mm (5 mL) Primary Tube with or without cap		n/a	13 x 75 mm	NON-R	YES	See Sample Template	YES	See Sample Template
A	13 x 100 mm (7 mL) Primary Tube with or without cap		n/a	13 x 100 mm	NON-R	YES	See Sample Template	YES	See Sample Template
A	16 x 100 mm (10 mL) Primary Tube with or without cap		n/a	16 x 100 mm	NON-R	YES	See Sample Template	YES	See Sample Template
B	12 x 75 mm or 13 x 75 mm Pour-off tube		n/a	13 x 75 mm	NON-R	YES	500 μL	YES	400 μL
B	2.0 mL Insert Cup in 16 x 75 mm tube		81917	16 x 75 mm	®	YES	350 μL	YES	Not defined
B	0.5 mL DxC Sample Cup directly on rack		651412	13 x 75 mm or 13 x 100 mm	NON-R	YES	200 μL	YES	40 μL
B	2.0 mL DxC Sample Cup or 2.0 mL Access sample cup directly on rack.		652730 or 81902	13 x 75 mm or 13 x 100 mm	NON-R	YES	460 μL	YES	360 μL
B	2.0 mL DxC or Access Sample Cup in 15 x 60 mm (5 mL) transfer tube (PN 979272)		652730 or 81902	16 x 75 mm or 16 x 100 mm	®	YES	460 μL	YES	150 μL
B	1.0 mL conical bottom Pediatric Insert Cup in 13 x 75 mm tube		81916	13 x 75 mm	®	YES	200 μL	YES	50 μL
C	2.0 mL Insert Cup in 16 x 100 mm tube		81917	16 x 100 mm	®	NO	n/a	YES	150 μL
C	0.5 mL DxC Sample Cup in 15 x 60 mm (5 mL) transfer tube (PN 979272)		651412	16 x 75 mm or 16 x 100 mm	®	NO	n/a	YES	50 μL
C	0.5 mL DxC Sample Cup in RED metal cup insert (PN 476406)		651412	16 x 75 mm or 16 x 100 mm	®	NO	n/a	YES	20 μL

CODE	CONTAINER DESCRIPTION		CONTAINER PN	DxC RACK SIZE	Reserved ® or NON-R Rack?(Note 1)	Make aliquot at CTA for Access testing	Dead Volume at CTA (Note 2)	Process samples at the DxC	Dead Volume at DxC (Note 2)
C	Becton Dickinson Microtainer Tube in Pediatric Tube Adapter (PN 472987)		n/a	13 x 100 mm	®	NO	n/a	YES	See Sample Template
C	Synchron Microtube		448774	13 x 100 mm	®	NO	n/a	YES	60 μL
C	16 x 75 mm (7 ml) Primary Tube with or without cap		n/a	16 x 75 mm	NON-R	NO	n/a	YES	See Sample Template
C	1.0 mL conical bottom Pediatric Insert Cup in 13 x 100 mm tube		81916	13 x 100 mm	®	NO	n/a	YES	50 μL
C	1.0 mL flat bottom Insert Cup in 13 x 75 mm tube		81915	13 x 75 mm	®	NO	n/a	YES	250 μL
C	1.0 mL flat bottom Insert Cup in 13 x 100 mm tube		81915	13 x 100 mm	®	NO	n/a	YES	250 μL
---	Sarstedt S-Monovette 15 x 92 mm or 15 x 75 mm Primary tubes	See Note 3	---	---	---	---	---	---	---

Note 1: Racks may be defined in the DxC 600i software as **RESERVED RACKS (®)**. Racks not defined as **RESERVED RACKS** are **NON-RESERVED RACKS (NON-R)**.
Note 2: Dead Volume (DV) is the minimum amount of sample that must be present to prevent level sensing and probe motion errors. This volume is not aspirated by the system. Refer to the Primary Tube Sample Templates listed on Page 3 for more information.
Note 3: Use of Sarstedt tubes requires hardware modification; refer to the DxC 600i Instructions for Use.

CODE **A**: These containers are primary tubes with a volume of sample sufficient for testing. They may be used for **both Access and DxC testing**.
CODE **B**: These containers are useful when the sample volume is limited. They may be used for **both Access and DxC testing**.
CODE **C**: These containers are useful when the sample volume is limited. They may be used for **DxC testing ONLY**.

IMPORTANT NOTE: Racks are available in multiple sizes, and any size rack is available in multiple colors.
When selecting racks for a particular container refer to the rack size label. Do not rely on rack color.