

BD Barricor™ yields **Fast Diagnosis**

BD Barricor™ delivers a faster time-to-result for all patients with no clotting time and a reduction in centrifugation time of up to 7 minutes.

Turnaround Time (TAT): Key parameter for healthcare professionals

Meet TAT Target: Faster delivery of results

Speed-Up Analysis: No clotting and fast centrifugation for shorter TAT

Process Impact: Fast diagnosis directly affects patients



Fast Diagnosis is a key service category in the healthcare continuum^{1,2}

Turnaround time is among the most important services provided by a laboratory both when considering urgent as well as routine testing.

Table 8. Aggregate Percentage of Most Important Laboratory Service Category

Service Category*	Respondents, No. (%) (n = 3754)
Quality/reliability of results	1191 (31.7)
Routine test TAT	554 (14.8)
Inpatient stat test TAT	455 (12.1)
Test menu adequacy	409 (10.9)
Outpatient stat test TAT	361 (9.6)
Accessibility of pathologists	160 (4.3)
Critical value notification	152 (4.0)
Clinical report format	90 (2.4)
Accessibility of laboratory staff	90 (2.4)
Esoteric test TAT	81 (2.2)
Staff courtesy	71 (1.9)
Phlebotomy services	58 (1.5)
Laboratory management responsiveness	34 (0.9)
Accessibility of laboratory manager	26 (0.7)
Courier services	22 (0.6)

Table 5. Distribution of Percentage of Excellent/Good Ratings for Each Laboratory Service Category

Service Category†	No. of Institutions	All Institution Percentiles*		
		10th	50th (Median)	90th
Quality/reliability of test results	138	75.0	89.9	100.0
Staff courtesy	138	71.4	89.9	100.0
Accessibility of laboratory staff	136	66.7	87.6	100.0
Accessibility of pathologist	137	69.6	87.5	100.0
Critical value notification	138	66.7	85.4	95.7
Accessibility of laboratory manager	136	65.6	84.6	100.0
Phlebotomy services	136	60.0	84.6	100.0
Test menu adequacy	138	65.5	84.6	97.2
Laboratory management responsiveness	136	59.6	82.6	100.0
Courier services	132	50.0	81.5	100.0
Inpatient stat test TAT	132	60.0	80.9	95.8
Clinical report format	138	62.5	80.6	93.8
Routine test TAT	138	60.0	80.2	95.0
Outpatient stat test TAT	138	51.6	75.0	94.4
Esoteric test TAT	136	33.3	54.5	80.0

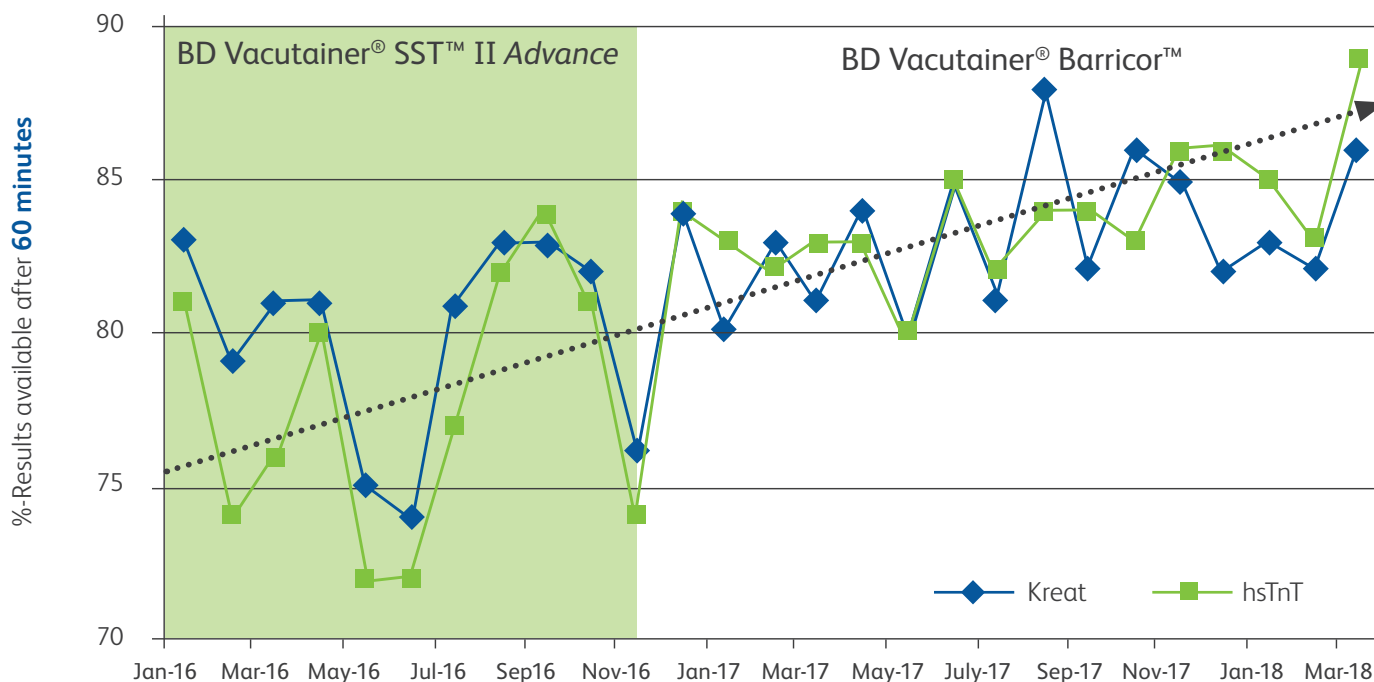
Despite the importance given, this service category is still perceived as unsatisfactory by several healthcare workers.

BD Barricor™ helps to achieve faster TAT, reducing the length of the overall diagnostic process and delivering analytical results faster.



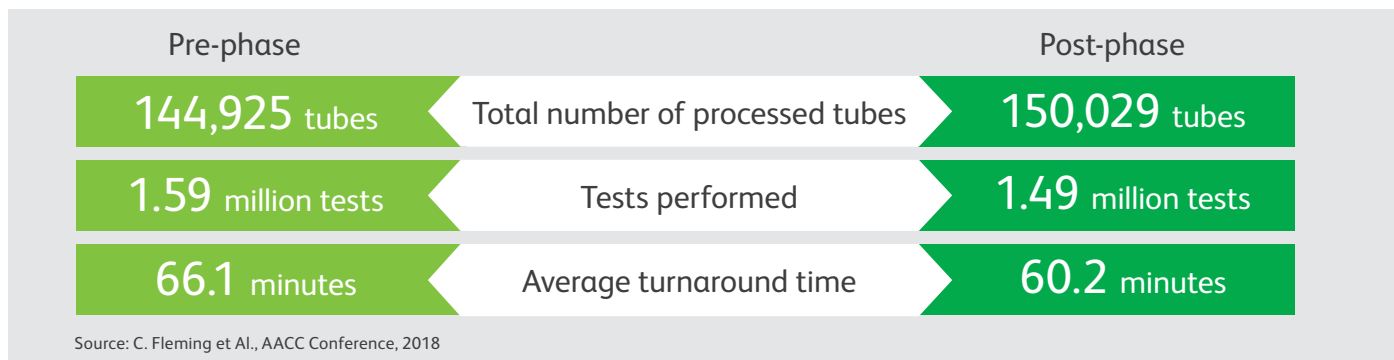
BD Barricor™ accelerates the time to results

BD Vacutainer® Barricor™ was thoroughly tested and benchmarked in a lab previously using BD Vacutainer® SST™ II Advance.



Specific view on two high-throughput markers: Creatinine (Kreat) and Troponin (hsTnT)

Source: C. Ramakers, BD Barricor™ Scientific Forum, 2018

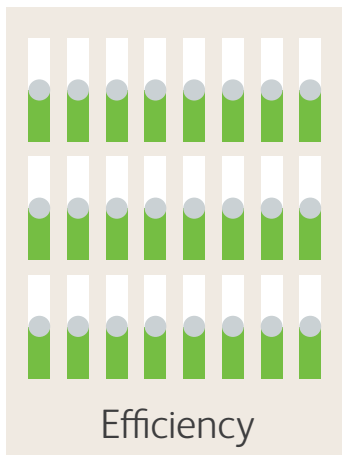


BD Barricor™: The fastest blood collection tube

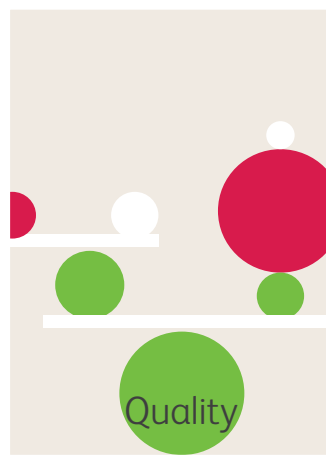
	BD Vacutainer® Serum	BD Vacutainer® SST™ II Advanced	BD Vacutainer® Lithium Heparin	BD Vacutainer® PST™ II	BD Vacutainer® Barricor™
Coagulation time	60'	30'	-	-	-
Centrifugation force	1300G	2000G	1300G	2000G	4000G
Centrifugation time	10'	10'	10'	10'	3'
Pre-process time (total)	70'	40'	10'	10'	3'

Coagulation times and centrifugation conditions are those recommended by BD for each product.

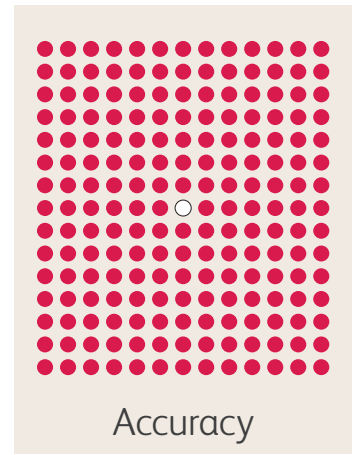
BD Barricor™ – added value for your lab



BD Barricor™ has been designed to ensure optimal performance across the sample and laboratory work-flow, providing opportunities for improving the total cost of operations.



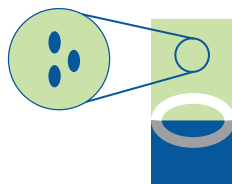
The BD Barricor™ mechanical separator technology delivers a leading-edge collection and analytical process by eliminating separator artefacts that may interfere with analytical testing and which could lead to instrument downtime. This innovation helps deliver the highest diagnostic quality and patient care.



BD Barricor™ is an innovative technology that provides greater confidence in the accuracy of laboratory results across a broad range of analytes enabling clinicians to act on reliable and credible results to deliver cutting edge care and service.



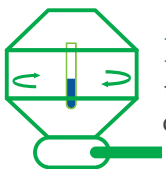
Time saving during an early phase in analytic process



Cleaner sample with reduced cell content



Improved performance for sensitive assays



Increased throughput of centrifugation



Reduced instrument downtime and maintenance



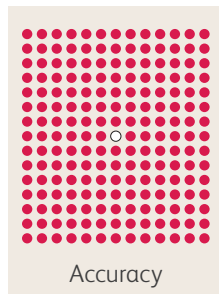
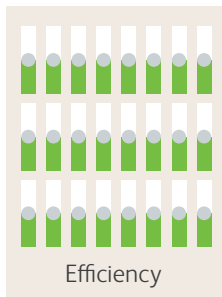
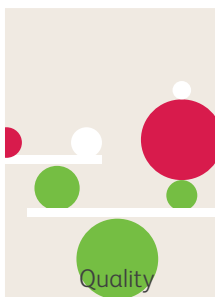
Reduction of confirmatory re-testing



Fast and consistent delivery of results to clinicians

Reduced and reliable time to results

Faster diagnosis by reducing the overall number of tests



BD Barricor™ yields Fast Diagnosis and much more: Quality, Efficiency and Accuracy.

You can discover how plasma mechanical separation leverages these benefits bringing a value to your processes bigger than the sum of the individual parts.

Ask your local BD representatives for more information and references on BD Barricor™.



To learn more, check the website of the BD Barricor™ Scientific Forum:
<http://lp.bd.com/Barricor-webinars.html>

Based on talks at BD Barricor™ Scientific Forum, April 2018

1. Jones BA, et al. Physician satisfaction with clinical laboratory services: A College of American Pathologists Q-probes study of 138 institutions. Arch Pathol Lab Med. 2009;133:38-43.
2. Jones BA, et al. Hospital Nursing Satisfaction With Clinical Laboratory Services: A College of American Pathologists Q-Probes Study of 162 Institutions. Arch Pathol Lab Med 2006;130:1756-61.

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