

# **CFX Duet Real-Time PCR system**

written by CAP TODAY  
August 19, 2022

August 2022—Bio-Rad Laboratories has launched the CFX Duet Real-Time PCR system to support researchers in developing singleplex and duplex quantitative PCR assays. The CFX Duet system offers the robust thermal performance and proprietary, accurate optical shuttle system of the company's CFX Opus system. It is a two-color system that is factory calibrated for common dyes and allows the quantification of up to two targets in genotyping and multiple gene expression analyses without the need for passive reference dyes. An additional fluorescence resonance energy transfer mode supports protein melt analysis for basic protein characterization.



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# **Beckman, Scpio to accelerate adoption of digital morphology platform**

written by CAP TODAY  
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August 2022—Beckman Coulter and Scpio Labs announced a worldwide partnership to accelerate the adoption of Scpio's next-generation peripheral blood smear platforms. Scpio's technology uses full-field imaging and AI decision support to eliminate manual microscopy.



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# [Study: Abbott's TBI test could predict brain injury outcomes](#)

written by CAP TODAY  
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Aug. 19, 2022—Abbott announced that a study published in *Lancet Neurology* demonstrates the ability of two blood-based biomarkers to predict how a person will recover from traumatic brain injury (TBI) (Korley FK, et al. *Lancet Neurol.* 2022;21[9]:803–813).



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# [BD, Accelerate announce worldwide commercial collaboration](#)

written by CAP TODAY  
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Aug. 17, 2022—BD and Accelerate Diagnostics announced a worldwide commercial collaboration agreement in which BD will offer Accelerate's rapid testing solution for antibiotic resistance and susceptibility.



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# [U.S. blood supply steadier but still short](#)

written by CAP TODAY  
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August 2022—Blood is a precious resource and shouldn't be treated as a commodity. That's the consensus in the blood banking community, in line with a longstanding conviction that volunteer donations should remain at the blood system's core. But as the worst of the pandemic appears to have passed, discussion of blood shortages has increasingly drawn on the vocabulary of commerce, and the warnings about the blood supply have been rife with references to supply chain problems that go beyond the need for more donations. Crises in the blood supply are nothing new, and while the health care system strives to stay prepared, the pandemic threw novel commercial and logistical factors into the mix, in some ways jumbling the expected order of a crisis for blood services. Hospitals scrambled to cope with a surge of COVID-19 patients while the spread of infection caused thousands of blood drives to be canceled, so there was a steep drop in supply of blood products, says Pampee Young, MD, PhD, chief medical officer, biomedical services, American Red Cross.



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# [Autoverification: lessons drawn from a core lab](#)

written by CAP TODAY  
August 19, 2022

August 2022—Just as there is scant room in this world for pink “While You Were Out” notepads, paper checks, or the copying skills of Bartleby the Scrivener, laboratories would do well to leave manual result verification in the past.



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# [A practical approach to borderline melanocytic neoplasms](#)

written by CAP TODAY  
August 19, 2022

August 2022—In cases of borderline melanocytic neoplasms, which have overlapping histopathologic features of benign and melanocytic lesions, additional immunohistochemical studies sometimes help to differentiate the two. But a subset of lesions will show overlapping features.



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# [Looking for lab staff here, there, and overseas](#)

written by CAP TODAY  
August 19, 2022

August 2022—Higher wages help to fill open positions, when they can be offered, but in a labor market that's as tight as ever, they're often just a start. That's why many laboratories are casting wider nets, though the hiring solutions tend to be long term.



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# Infectious diseases of the gut

written by CAP TODAY  
August 19, 2022

August 2022—The atypia in Epstein-Barr virus-positive mucocutaneous ulcers can mimic diffuse large B-cell lymphoma or classical Hodgkin lymphoma, a diagnostic pitfall that can result in overtreatment. And esophageal ulcers in immunocompromised patients should trigger cytomegalovirus immunohistochemistry in addition to GMS and herpes simplex virus-1 and -2 stains.



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# Close-up on HER2 alterations in advanced NSCLC

written by CAP TODAY  
August 19, 2022

August 2022—*HER2* is a known oncogenic driver and emerging biomarker in non-small cell lung cancer, and while the therapeutic implication is not yet fully known in NSCLC, “we need to pay attention to it,” said Fred R. Hirsch, MD, PhD, executive director of the Mount Sinai Center for Thoracic Oncology and associate director, Tisch Cancer Institute, in a CAP TODAY webinar sponsored by Daiichi-Sankyo and AstraZeneca.



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