76043-2026 - Resultater

Danmark – Spektrometre – BD FACSDiscover A8 Cell Analyser with BD CellView Image Technology
OJ S 23/2026 03/02/2026
Bekendtgørelse om indgåede kontrakter eller koncessionstildeling – standardordningen
Varer

1. Køber

1.1. Køber

Officielt navn: Danmarks Tekniske Universitet - DTU
E-mail: kafre@dtu.dk
Køberens retlige status: Offentligretligt organ
Den ordregivende myndigheds aktivitet: Uddannelse

2. Procedure

2.1. Procedure

Titel: BD FACSDiscover A8 Cell Analyser with BD CellView Image Technology
Beskrivelse: DTU will like to buy a BD FACSDiscover A8 5 Laser 78 detectors from BD Biosciences. The instrument will include the following : • Forward Scatter: Label-free brightfield imaging channel that measures light scattered at small forward angles by the cell as it passes through the laser interrogation point. • SSC Imaging: Label-free imaging channel measuring light scattered at 90° perpendicular to the laser path, capturing internal cellular complexity. • Lightloss Imaging: Measures the total photons lost from the laser beam due to both scattering and absorption by the cell, allowing Label-free brightfield imaging morphological assessment. • Channel 1: Fluorescence imaging (530/30nm range) • Channel 2: Fluorescence imaging (600 /60nm range) • Channel 3: Fluorescence imaging (788/225nm range) These imaging channels enable spatial analysis of protein localisation, cellular interactions, and morphological characteristics that remain invisible to traditional flow cytometry. The system generates quantitative image parameters including: • Area and Perimeter measurements for size discrimination • Aspect Ratio and Eccentricity for shape analysis • Diffusivity for texture characterisation • Correlation and Distance for multi-channel co-localisation • Radial Moment for signal distribution analysis. Applications enabled by this technology include: • Identification of subcellular protein localisation (nuclear vs cytoplasmic) • Detection of cell-cell interactions and immunological synapses • Discrimination of budding yeast cells and cell aggregates • Analysis of phagocytosis and particle uptake • Label-free morphological study for downstream sorting. Complementing the imaging capabilities, the instrument should hold a technology for full-spectrum flow cytometry. This system features: • 5 laser configuration: 349 nm (UV), 405 nm (Violet), 488 nm (Blue), 561 nm (Yellow-Green), 637 nm (Red) • 78 fluorescence detectors capturing complete emission spectra • 8 scatter and imaging detectors • System-aware spectral unmixing algorithms that adapt to instrument performance in real-time • Capability for 40+ parameter experiments with optimal resolution and sensitivity Complementing the imaging capabilities, the instruments should include a technology for full-spectrum flow cytometry. This system features: • 5 laser configuration: 349 nm (UV), 405 nm (Violet), 488 nm (Blue), 561 nm (Yellow-Green), 637 nm (Red) • 78 fluorescence detectors capturing complete emission

spectra • 8 scatter and imaging detectors • System-aware spectral unmixing algorithms that adapt to instrument performance in real-time • Capability for 40+ parameter experiments with optimal resolution and sensitivity
Identifikator for proceduren: 2204aa2e-fb98-49d0-8564-1b43ca9fc9a0
Tidligere bekendtgørelse: f88c04e4-ce9d-4602-9c52-02f258d73a54-01
Intern ID: 10661
Udbudsprocedure: Udbud med forhandling uden forudgående offentliggørelse

2.1.1. Formål

Kontraktens hovedformål: Varer
Primær klassifikation (cpv): 38433000 Spektrometre
Supplerende klassifikation (cpv): 38000000 Laboratorieudstyr, optisk udstyr og præcisionsudstyr (ikke briller), 38400000 Instrumenter til kontrol af fysiske karakteristika, 38430000 Apparater til fysisk eller kemisk analyse

2.1.2. Udførelsessted

Postadresse: Henrik Dams Alle 205B
By: Kgs. Lyngby
Postnummer: 2800
Landsdel (NUTS): Københavns omegn (DK012)
Land: Danmark

2.1.4. Generelle oplysninger

Indkaldelse af tilbud er afsluttet
Retsgrundlag:
Direktiv 2014/24/EU
The Danish Public Procurement Law - The Danish Public Procurement Law.

5. Delkontrakt

5.1. Delkontrakt: LOT-0000

Titel: BD FACSDiscover A8 Cell Analyser with BD CellView Image Technology
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full-spectrum flow cytometry. This system features: • 5 laser configuration: 349 nm (UV), 405 nm (Violet), 488 nm (Blue), 561 nm (Yellow-Green), 637 nm (Red) • 78 fluorescence detectors capturing complete emission spectra • 8 scatter and imaging detectors • System-aware spectral unmixing algorithms that adapt to instrument performance in real-time • Capability for 40+ parameter experiments with optimal resolution and sensitivity Complementing the imaging capabilities, the instruments should include a technology for full-spectrum flow cytometry. This system features: • 5 laser configuration: 349 nm (UV), 405 nm (Violet), 488 nm (Blue), 561 nm (Yellow-Green), 637 nm (Red) • 78 fluorescence detectors capturing complete emission spectra • 8 scatter and imaging detectors • System-aware spectral unmixing algorithms that adapt to instrument performance in real-time • Capability for 40+ parameter experiments with optimal resolution and sensitivity
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5.1.1. Formål

Kontraktens hovedformål: Varer
Primær klassifikation (cpv): 38433000 Spektrometre
Supplerende klassifikation (cpv): 38000000 Laboratorieudstyr, optisk udstyr og præcisionsudstyr (ikke briller), 38400000 Instrumenter til kontrol af fysiske karakteristika, 38430000 Apparater til fysisk eller kemisk analyse

5.1.2. Udførelsessted

Postadresse: Henrik Dams Alle 205B
By: Kgs. Lyngby
Postnummer: 2800
Landsdel (NUTS): Københavns omegn (DK012)
Land: Danmark

5.1.3. Anslået varighed

Varighed: 1 År

5.1.6. Generelle oplysninger

Indkøbsprojekt, der ikke finansieres med EU-midler
Udbuddet er omfattet af aftalen om offentlige udbud (GPA): ja

5.1.10. Tildelingskriterier

Kriterium:
Type: Kvalitet
Beskrivelse: This was a direct award, which is why no award criteria have been set.
Kategori for tildelingskriteriet vægt: Vægtning (procentdel, præcis)
Tildelingskriterium talværdi: 100

5.1.15. Teknikker

Rammeaftale:
Ingen rammeaftale
Oplysninger om det dynamiske indkøbssystem:
Intet dynamisk indkøbssystem

5.1.16. Yderligere oplysninger, mægling og gennemgang

Organisation med ansvar for klager: Klagenævnet for Udbud
Oplysninger om klagefrister: Complaint regarding direct award of contract: Complaint that the Contracting Authority, contrary to the Public Procurement Act, has concluded a contract without prior publication of a contract notice in the European Union Official Journal must be

submitted no later than 30 calendar days from the date after a contract award notice has been published by the Contracting Authority in the European Union Official Journal and that contract award notice includes the grounds for the decision to award the contract directly, cf. lov om Klagenævnet for Udbud (Complaints Board for Tenders) § 7, section 3.
Organisation, der leverer supplerende oplysninger om udbudsproceduren: Danmarks Tekniske Universitet - DTU
Organisation, der sikrer adgang til udbudsdokumenterne offline: Danmarks Tekniske Universitet - DTU
Organisation, der leverer yderligere oplysninger om klageprocedurerne: Konkurrence- og Forbrugerstyrelsen
Organisation, hvis budget anvendes til at betale for kontrakten: Danmarks Tekniske Universitet - DTU
Organisation, der udfører betalingen: Danmarks Tekniske Universitet - DTU
Organisation, der underskriver kontrakten: Danmarks Tekniske Universitet - DTU

6. Resultater

Værdien af alle kontrakter tildelt i denne bekendtgørelse: 4 100 000,00 DKK
Direkte tildeling
:
Begrundelse for direkte tildeling: Kontrakten kan kun tildeles af en bestemt økonomisk aktør på grund af manglende konkurrence af tekniske årsager
Anden begrundelse: This document provides justification for the acquisition of a BD FACSDiscover A8 Cell Analyser through a manufacturer trade-in programme. The proposed acquisition represents a transformative upgrade to our flow cytometry capabilities, introducing proprietary imaging technology whilst maintaining seamless integration with our existing BD FACSDiscover S8 Cell Sorter infrastructure. The exceptional trade-in value offered by BD Biosciences, combined with the unique technological capabilities unavailable from any competing manufacturer, establishes this as a procurement of singular strategic value. 1. TECHNOLOGY JUSTIFICATION 1.1 BD CellView Image Technology The BD FACSDiscover A8 incorporates BD CellView Image Technology, a revolutionary camera-free imaging system that represents a fundamental advancement in flow cytometry. This proprietary technology employs orthogonal frequency domain multiplexing (OFDM) — adapted from wireless telecommunications, to generate high-resolution cellular images without traditional camera systems. Technical Implementation: The CellView system utilises radiofrequency-multiplexed excitation of fluorophores, allowing the instrument to capture complete cellular images using the same avalanche photodiodes (APDs) employed for spectral detection. This approach overcomes the fundamental throughput limitations of camera-based imaging systems, which cannot operate at the acquisition speeds required for high-throughput flow cytometry (typically 35,000 events/second in high-speed mode; 12,500 events/second in imaging mode). Relevancy for our laboratory The FACSDiscover A8 is the only spectral analyzer capable of meeting DTU's requirements for advanced cell analysis. Its integrated CellView imaging technology, unique to the BD FACSDiscover platform, enables real-time morphological assessment and spatial localisation of fluorescent signals within individual cells, capabilities unavailable on any competing spectral analyzer. This allows researchers to visualise protein co-localisation, identify cell-cell interactions such as immune synapses, and track nanoparticle uptake at subcellular resolution, providing biological context beyond intensity-based measurements alone. Critically, the A8 shares identical optical configuration, calibration standards, and software platform (FACSChorus) with our existing FACSDiscover S8 cell sorter. This standardisation means panels developed and validated on the A8 transfer directly

to the S8 without requiring re-optimisation, a workflow impossible with any other analyzer-sorter combination. Researchers can perform panel development, compensation setup, and sample screening on the A8, then proceed to sorting on the S8 with full confidence in data reproducibility. BD's "perform as one" calibration philosophy ensures that experiments are transferable not only within our facility but across any FACSDiscover system worldwide, supporting multi-site collaborations and reproducibility standards. WORKFLOW INTEGRATION AND OPERATIONAL SYNERGY Identical Optical Configuration with BD FACSDiscover S8 As mention above the BD FACSDiscover A8 shares an identical optical architecture with our existing BD FACSDiscover S8 Cell Sorter, and this identical configuration is essential for our analyses process. The BD FACSDiscover A8 includes an integrated 96-well plate autoloader supporting both standard and deep-well plate formats. This automation enables walkaway operation for large-scale screening applications, substantially reducing operator time requirements whilst improving cost-per-data-point economics. 3COMPETITIVE LANDSCAPE AND SOLE-SOURCE JUSTIFICATION BD CellView Image Technology represents a proprietary innovation protected by multiple patents. No competing manufacturer offers comparable camera-free, high-throughput imaging capabilities integrated with full-spectrum flow cytometry. Alternative approaches to imaging flow cytometry (such as camera-based systems from other manufacturers) operate at acquisition rates 10-100 times slower than the BD CellView platform, rendering them unsuitable for high-throughput applications. None other platforms offer the CellView imaging technology that distinguishes the BD FACSDiscover A8. The superior imaging capabilities of the A8, and the identical optical architecture of BD FACSDiscover A8, with our existing BD FACSDiscover S8 Cell Sorter, which is essential for our analyses process, combined with the advantageous trade-in pricing, position this acquisition as exceptional value compared to any non-imaging spectral cytometer alternative. BD Biosciences has offered to accept our BD FACSymphony A5 SE as a trade-in towards the BD FACSDiscover A8, providing substantial value reduction. The trade-in credit substantially reduces the net acquisition cost to 723,000 DKK, representing a reduction compared to typical market pricing for comparable instrumentation.

6.1. Resultat delkontrakt-ID: LOT-0000

Status for udvælgelse af vinder: Der er udvalgt mindst én vinder.

6.1.2. Oplysninger om vinderne

Vinder:

Officielt navn: Beckton Dickinson Denmark A/S

Tilbud:

Tilbud – Identifikator: Tilbud fra Beckton Dickinson Denmark A/S
ID for delkontrakt eller gruppe af delkontrakter: LOT-0000
Værdien af tilbuddet: 4 100 000,00 DKK
Underentreprise: Endnu ikke kendte

Kontraktoplysninger:

Identifikator for kontrakten: Kontrakt med Beckton Dickinson Denmark A/S
Datoen for udvælgelsen af det vindende tilbud: 18/12/2025
Dato for indgåelse af kontrakten: 14/01/2026
Organisation, der underskriver kontrakten: Danmarks Tekniske Universitet - DTU

6.1.4. Statistiske oplysninger

Resumé af de klager som køberen har modtaget:

Antal klagere: 0

Modtagne tilbud og ansøgninger om deltagelse:

Type modtagne indgivelser: Tilbud

Antal modtagne tilbud og ansøgninger om deltagelse: 1
Udvalg af tilbud:
Værdien af det antagelige tilbud med den laveste værdi: 4 100 000,00 DKK
Værdien af det antagelige tilbud med den højeste værdi: 4 100 000,00 DKK

8. Organisationer

8.1. ORG-0001

Officielt navn: Danmarks Tekniske Universitet - DTU
Registreringsnummer: 30060946
Postadresse: Anker Engelunds Vej 1
By: Kgs. Lyngby
Postnummer: 2800
Landsdel (NUTS): Københavns omegn (DK012)
Land: Danmark
Enhed: Katrine Freiesleben Petersen
E-mail: kafre@dtu.dk
Telefon: +45 45252525
Internetadresse: https://www.dtu.dk
Køberprofil: https://eu.eu-supply.com/ctm/company/companyinformation/index/165863
Denne organisations roller:
Køber
Organisation, der leverer supplerende oplysninger om udbudsproceduren
Organisation, der sikrer adgang til udbudsdokumenterne offline
Organisation, der underskriver kontrakten
Organisation, hvis budget anvendes til at betale for kontrakten
Organisation, der udfører betalingen

8.1. ORG-0002

Officielt navn: Klagenævnet for Udbud
Registreringsnummer: 37795526
Postadresse: Nævnenes hus, Toldboden 2
By: Viborg
Postnummer: 8800
Landsdel (NUTS): Østjylland (DK042)
Land: Danmark
E-mail: klfu@erst.dk
Telefon: +45 35291000
Internetadresse: http://www.klfu.dk
Denne organisations roller:
Organisation med ansvar for klager

8.1. ORG-0003

Officielt navn: Konkurrence- og Forbrugerstyrelsen
Registreringsnummer: 10294819
Postadresse: Carl Jacobsens Vej 35
By: Valby
Postnummer: 2500
Landsdel (NUTS): Byen København (DK011)
Land: Danmark

E-mail: kfst@kfst.dk
Telefon: +45 41715000
Internetadresse: http://www.kfst.dk
Denne organisations roller:
Organisation, der leverer yderligere oplysninger om klageprocedurerne

8.1. ORG-0004
Officielt navn: Beckton Dickinson Denmark A/S
Den økonomiske operatørs størrelse: Mikrovirksomhed, lille eller mellemstor virksomhed
Organisationen er en fysisk person
Registreringsnummer: 71302814
By: Herlev
Postnummer: 2730
Landsdel (NUTS): Københavns omegn (DK012)
Land: Danmark
Enhed: Jens Dyekær
E-mail: jens.dyekaer@bd.com
Denne organisations roller:
Tilbudsgiver
Vinder af disse delkontrakter: LOT-0000

8.1. ORG-0005
Officielt navn: Mercell Holding ASA
Registreringsnummer: 980921565
Postadresse: Askekroken 11
By: Oslo
Postnummer: 0277
Landsdel (NUTS): Oslo (NO081)
Land: Norge
Enhed: eSender
E-mail: publication@mercell.com
Telefon: +47 21018800
Fax: +47 21018801
Internetadresse: http://mercell.com/
Denne organisations roller:
TED eSender

Oplysninger om bekendtgørelsen

Bekendtgørelsens ID: 7c49ce79-4f53-4b87-9581-0757d171e7cf - 01
Formulartype: Resultater
Bekendtgørelsestype: Bekendtgørelse om indgåede kontrakter eller koncessionstildeling – standardordningen
Bekendtgørelsesundertype: 29
Afsendelsesdato for bekendtgørelsen: 02/02/2026 12:14:53 (UTC+00:00) vesteuropæisk tid, GMT
Dato for afsendelse af bekendtgørelsen (eSender): 02/02/2026 12:15:24 (UTC+00:00) vesteuropæisk tid, GMT
Bekendtgørelsens officielle sprog: engelsk
Bekendtgørelsesnummer: 76043-2026