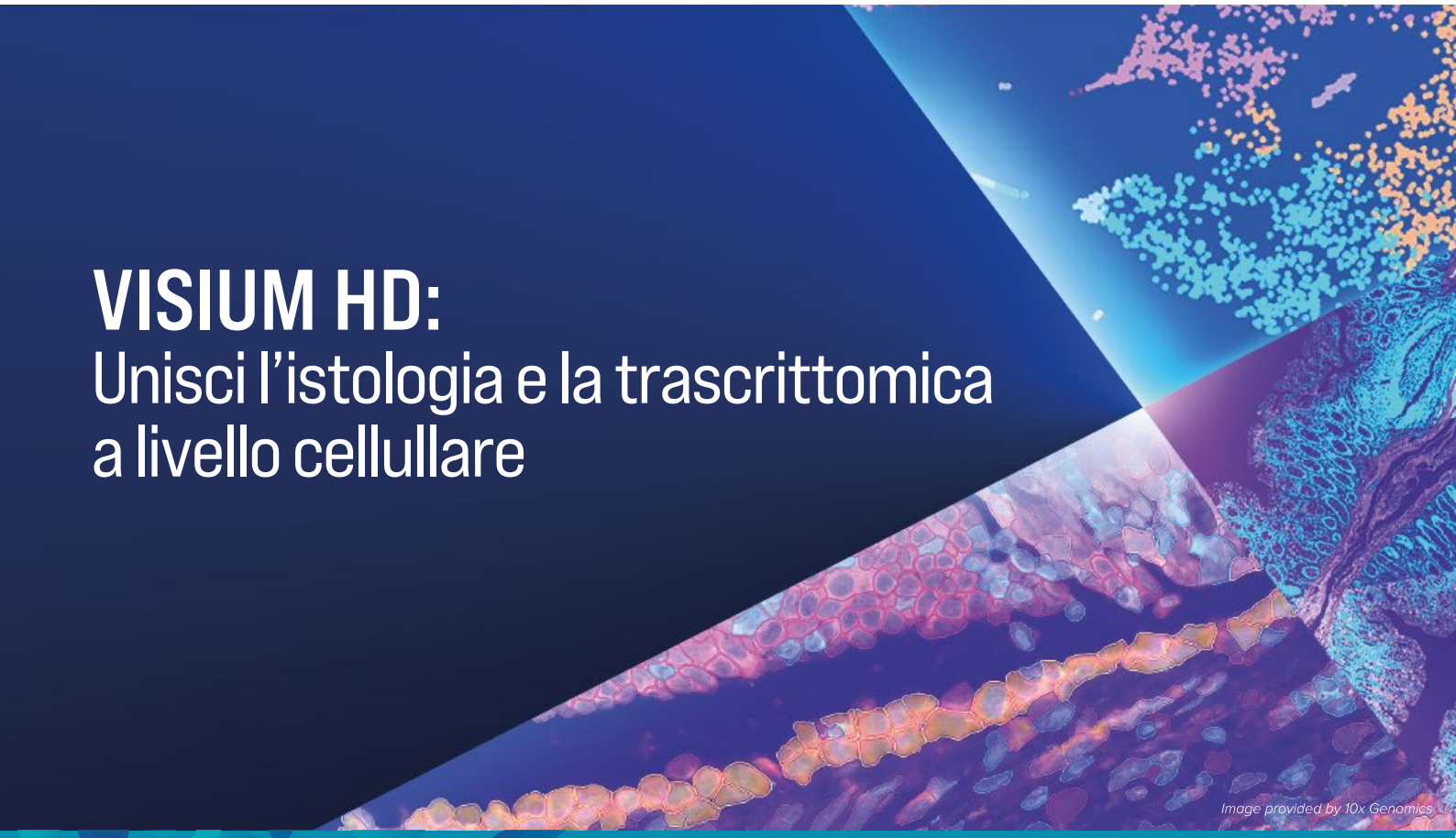
10x GENOMICS

Euro-Clone®
serving science through innovation

VISIUM HD:
Unisci l'istologia e la trascrittomica a livello cellulare



Scopri la potenza di **VISIUM HD**:
due soluzioni distinte e innovative per esplorare l'intero
TRASCRITTOMA a livello TISSUTALE e con una **RISOLUZIONE a scala CELLULARE.**

VALORIZZA il potenziale dei tuoi **CAMPIONI ISTOLOGICI** con le tecnologie 10x Genomics e porta la tua **RICERCA** scientifica a nuovi livelli.

✓ **UNIVERSALI**
Analisi su qualsiasi tipologia di tessuto, specie e modalità di conservazione

✓ **SENSIBILI**
Risoluzione massima di 2 µm e analisi unbiased di tutto il trascrittoma

✓ **RIPRODUCIBILI**
Workflow unico che sfrutta i protocolli standard di istologia per la preparazione ed imaging del campione

✓ **COMPLETI**
Software e servizi in Cloud gratuiti per analisi dei dati e cell segmentation

	HD WT Panel Gene Expression **Protein coding gene coverage** ✓ Recommended assay for differential gene expression in human and mouse ✓ Most flexible tissue compatibility ✓ Most sequencing-efficient Visium HD assay	HD 3' Gene Expression **Whole transcriptome coverage** ✓ Recommended assay for expanded discovery applications ✓ Most diverse species compatibility ✓ De novo discovery, including feasibility for isoforms, TCRs/BCRs, and more
PRODUCTS	HD WT Panel Gene Expression	HD 3' Gene Expression
CHEMISTRY	Probe-based	3' poly(A) capture-based (Reverse transcription)
COMPATIBLE SPECIES	Human Mouse	Agnostic
COMPATIBLE SAMPLES	FFPE tissue Fresh frozen tissue Fixed frozen tissue	Fresh frozen tissue
ASSAY INPUT	Tissues sectioned onto glass slides	Tissues sectioned onto glass slides
INSTRUMENT	Visium CytAssist	Visium CytAssist
SLIDE ARCHITECTURE & RESOLUTION	Continuous lawn of 2 µm x 2 µm barcoded squares for single cell-scale resolution	Continuous lawn of 2 µm x 2 µm barcoded squares for single cell-scale resolution
CAPTURE AREA SIZES	6.5 x 6.5 mm (2 Capture Areas per slide)	6.5 x 6.5 mm (2 Capture Areas per slide)
SAME-SECTION CAPABILITIES	Gene expression Protein (IF) Morphology (H&E)	Protein (IF) Morphology (H&E)

Image provided by 10x Genomics

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Quality Management Systems and Enviromental certified according to UNI EN ISO 9001, 13485 and 14001