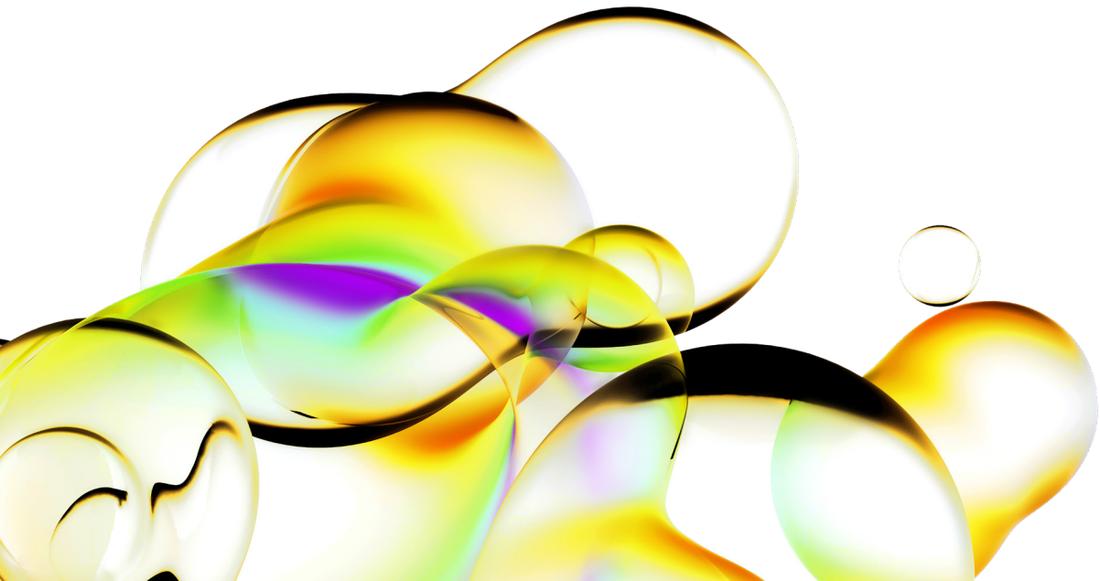
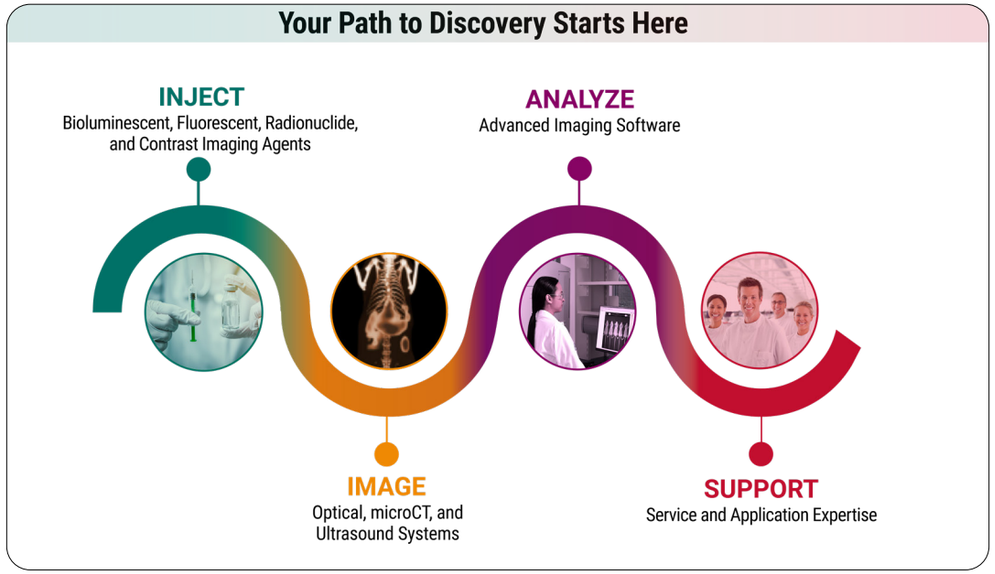
Visualize everything biology has to show you.



In vivo imaging solutions

Whether your research involves better understanding molecular pathways of disease, tracking disease progression, or evaluating therapeutic effectiveness of drug candidates, your cutting-edge research commands high-sensitivity and reliable *in vivo* imaging data.

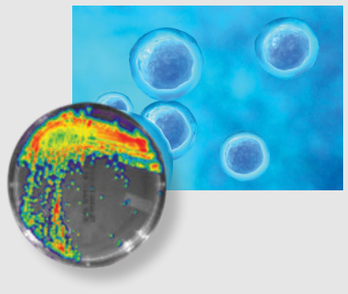
Revvity is here to help you achieve your research goals with our leading molecular imaging platforms and diverse range of bioluminescent and fluorescent reagents. From single mode 2D optical and 3D tomography to multimode integrated systems, we have the tools you need to help you get the answers you are searching for to move your research forward.



Reagents

IVISbrite™ substrates

- D-Luciferin potassium salt
- D-Luciferin in RediJect™ Solution
- D-Luciferin Ultra in RediJect™ Solution
- Coelenterazine h in RediJect™ Solution

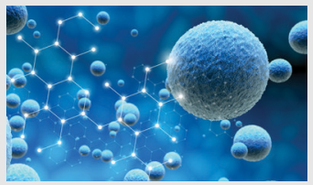


IVISbrite™ cells and bacteria

- Tumor cell lines with enhanced Red-Fluc vector
- Dual optical tumor cell lines with Red-Fluc and Green Fluorescent Protein (GFP)
- Lentiviral particles
- Bacterial strains labeled with lux operon gene

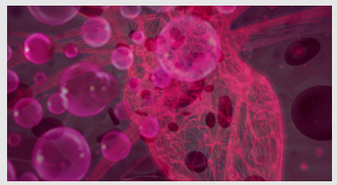
IVISense™ fluorescent probes*+

- Broad range of fluorescent probes for imaging biological targets, processes, and protease activity
  - Activatable
  - Targeted
  - Vascular
- Fluorescent panels prepackaged and targeted for your research



IVISense™ fluorescent labels and nanoparticles*

- Dyes and labels
- Nanoparticles



VesselVue® Microbubble Contrast Agent

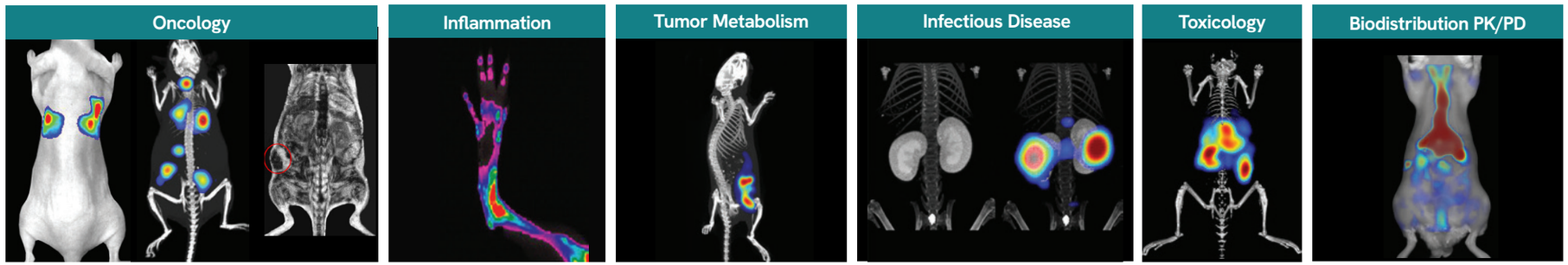
- P-Formulation (polydisperse)

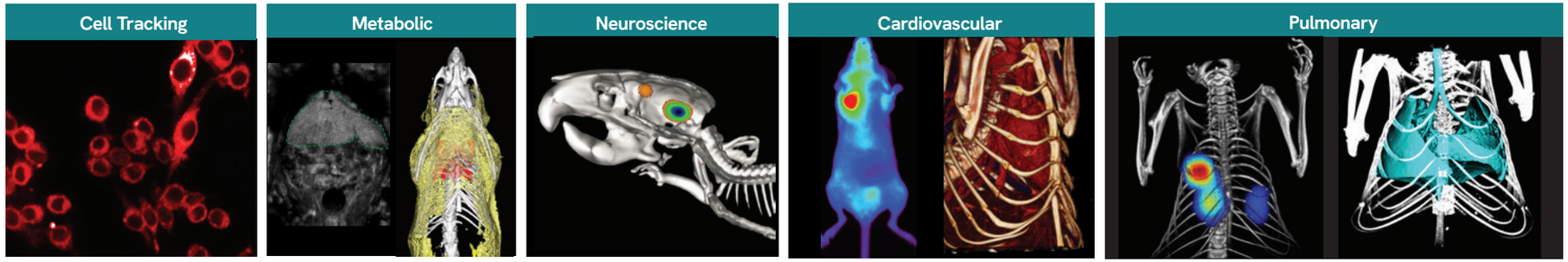
+ Volume discount on selected reagents
* Select products available in sample sizes. Contact your sales representative for details.

In vivo imaging instruments

Optical			MicroCT	Ultrasound
2D		2D and 3D	3D	3D
 **IVIS® Lumina LT** Entry level BLI and FLI	 **IVIS Lumina S5** High-throughput BLI and FLI	 **IVIS Spectrum 2** 2D/3D BLI and FLI	 **Quantum GX3** High-resolution, low-dose microCT	 **Vega®** Automated, hands-free, high-throughput ultrasound system
 **IVIS Lumina III** BLI and FLI	 **IVIS Lumina X5** High-throughput BLI and FLI with integrated x-ray	 **IVIS SpectrumCT 2** 2D/3D BLI and FLI with integrated microCT		
 **IVIS Lumina III XRMS** BLI and FLI with integrated x-ray				

Comparison of IVIS optical imaging systems							
	Lumina LT	**Lumina III**	**Lumina XRMS**	**Lumina S5**	**Lumina X5**	**Spectrum 2**	**Spectrum CT 2**
Animal capacity range	1-5	1-5	1-3	1-10	1-10	1-10	1-10
2D Bioluminescence	√	√	√	√	√	√	√
2D Fluorescence	√	√	√	√	√	√	√
Near infrared fluorescence	√	√	√	√	√	√	√
Spectral unmixing (CPS)	Upgrade	√	√	√	√	√	√
Modes of fluorescent excitation	epi-illumination	epi-illumination	epi-illumination	epi-illumination	epi-illumination	epi-illumination and trans-illumination	epi-illumination and trans-illumination
2D X-ray imaging			√		√		
2D High resolution x-ray imaging					√		
3D Bioluminescence						√	√
3D Fluorescence						√	√
microCT							√





For more information on our *in vivo* imaging solutions visit www.revvity.com

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