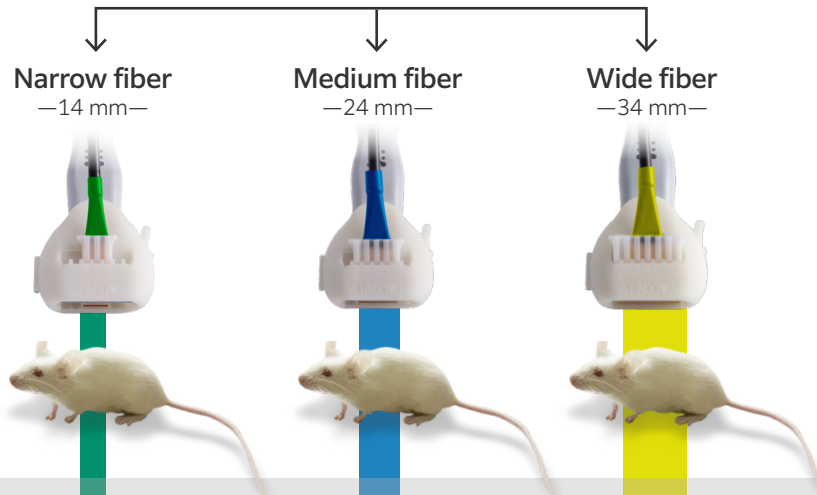# FUJIFILM | VISUALSONICS

Customize Your Imaging Needs in
TWO EASY STEPS!

Select Transducer

Select a UHFx/LF series transducer with a Vevo Fiber Jacket suitable for the desired **animal**, **anatomy** and **resolution**.

Select Vevo Optical Fiber

Select a high-efficiency Vevo Optical Fiber (3 widths available) for the desired **width**, **depth** and **sensitivity** of photoacoustic imaging and insert into jacket to begin imaging.

Narrow fiber	Medium fiber	Wide fiber
—14 mm—	—24 mm—	—34 mm—

APPLICATION EXAMPLES

	Narrow fiber	Medium fiber	Wide fiber
L38xp Linear Array, 3-11 MHz **Axial Resolution:** 260μm	Mouse brain, juvenile rat brain	Rat deep abdominal, rabbit superficial tumor	Mouse whole body, pig skin, subcutaneous tissue
UHF22x Linear Array, 10-22 MHz **Axial Resolution:** 100μm	Mouse brain, rat cardio	Rat deep abdominal, rabbit superficial tumor	Mouse whole body, pig skin, subcutaneous tissue
UHF29x Linear Array, 15-29 MHz **Axial Resolution:** 75μm	Mouse deep abdominal, orthotopic rat tumor	Rat abdominal, mouse abdominal	x
UHF46x Linear Array, 20-46 MHz **Axial Resolution:** 50μm	Orthotopic mouse tumor, mouse cardio	x	x
UHF57x Linear Array, 25-57 MHz **Axial Resolution:** 50μm	Subcutaneous tumor	x	x