

POINT SPREAD FUNCTIONS FOR BIORAD 1024 MULTIPHOTON

FTIC

60x Oil at 2x zoom

Filename: 60FTIC-PSF.tif
Refractive Index: 1.515
Numerical Aperature: 1.42
Wavelength (λ): 488 nm
Pixel Size: 176 nm
Slice depth/spacing: 100 nm
Width: 512 pixels or 90.3 μm
Height: 512 pixels or 90.3 μm
Number of slices: 36
Rayleigh resolution: 1.17 pixels

Texas Red

60x Oil at 2x zoom

Filename: 60TEX-PSF.tif
Refractive Index: 1.515
Numerical Aperature: 1.42
Wavelength (λ): 568 nm
Pixel Size: 176 nm
Slice depth/spacing: 100 nm
Width: 512 pixels or 90.3 μm
Height: 512 pixels or 90.3 μm
Number of slices: 36
Rayleigh resolution: 1.36 pixels

This data is **ONLY VALID** for the **objective** and **wavelength** listed
and **ONLY VALID** for the **Biorad 1024 Multiphoton**