

Filter for FRET Microscope



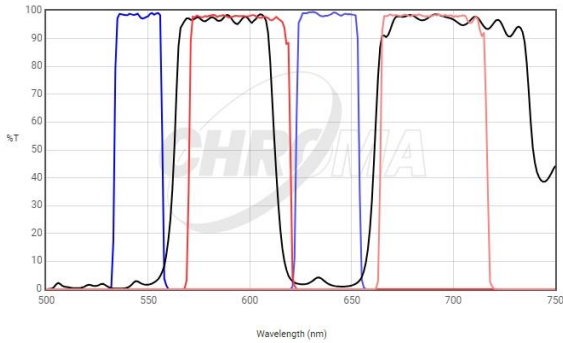
2023 V1

For customized projects please Contact us:

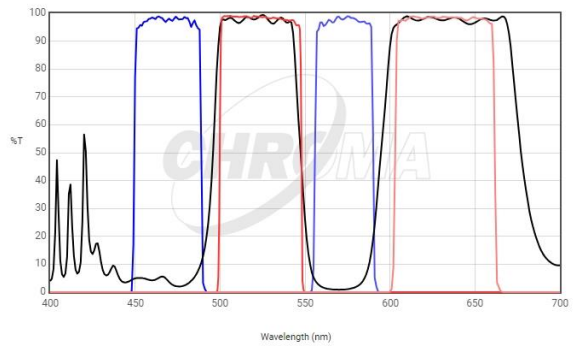
[**info@simtrum.com**](mailto:info@simtrum.com)

ET Series Widefield FRET Filter Set (Donor and acceptor dual excitation)

89002

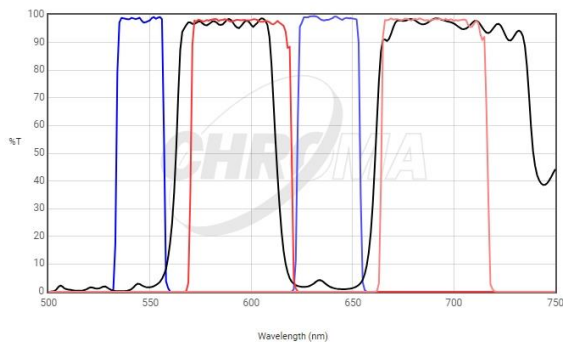


89021



| FILTERS | TYPE | %T-OD | AOI | DATA | FILTERS | TYPE | %T-OD | AOI | DATA |
|-------------|------|------------------|-----|-------|-------------|------|-----------------|-----|-------|
| ● ET545/25x | EX | 0.00 T at 737nm | 0° | ASCII | ● ET470/40x | EX | 0.00 T at 400nm | 0° | ASCII |
| ● ET640/30x | EX | 0.00 T at 737nm | 0° | ASCII | ● ET572/35x | EX | 0.00 T at 400nm | 0° | ASCII |
| ● 59007bs | BS | 71.13 T at 737nm | 45° | ASCII | ● 59022bs | BS | 0.00 T at 400nm | 45° | ASCII |
| ● ET595/50m | EM | 0.00 T at 737nm | 0° | ASCII | ● ET525/50m | EM | 0.00 T at 400nm | 0° | ASCII |
| ● ET690/50m | EM | 0.00 T at 737nm | 0° | ASCII | ● ET632/60m | EM | 0.00 T at 400nm | 0° | ASCII |

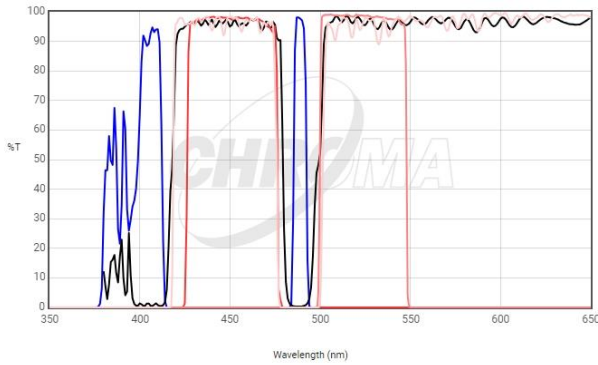
89022



| FILTERS | TYPE | %T-OD | AOI | DATA |
|-------------|------|-----------------|-----|-------|
| ● ET545/25x | EX | 0.00 T at 500nm | 0° | ASCII |
| ● ET640/30x | EX | 0.00 T at 500nm | 0° | ASCII |
| ● 59007bs | BS | 0.00 T at 500nm | 45° | ASCII |
| ● ET595/50m | EM | 0.00 T at 500nm | 0° | ASCII |
| ● ET690/50m | EM | 0.00 T at 500nm | 0° | ASCII |

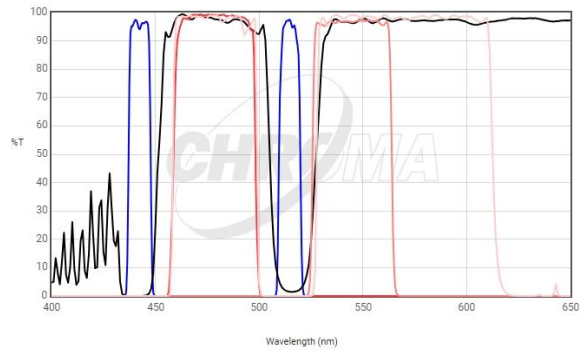
ET Series - Surface Single Molecule FRET Filter Sets

TRF59901-EM



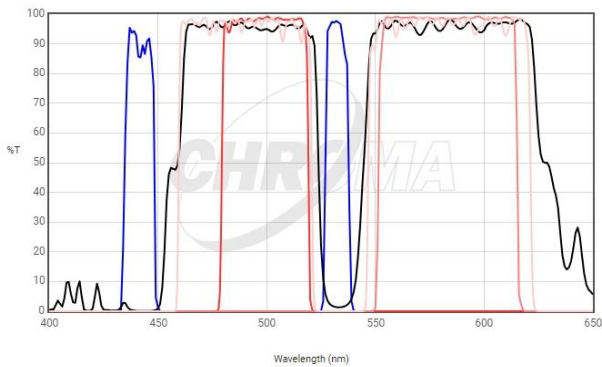
| FILTERS | TYPE | %T-OD | AOI | DATA |
|----------------|------|-----------------|-----|-------|
| ● ZET405/488x | EX | 0.00 T at 350nm | 0° | ASCII |
| ● ZT405/488rpc | BS | 0.00 T at 350nm | 45° | ASCII |
| ● ET450/50m | EM | 0.00 T at 350nm | 0° | ASCII |
| ● ET525/50m | EM | 0.00 T at 350nm | 0° | ASCII |
| ● ZET405/488m | EM | 0.00 T at 350nm | 0° | ASCII |

TRF59902-EM



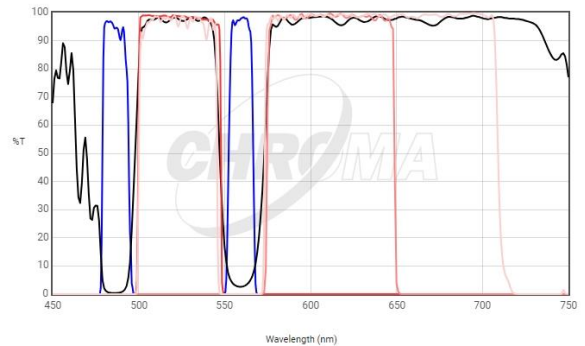
| FILTERS | TYPE | %T-OD | AOI | DATA |
|----------------|------|-----------------|-----|-------|
| ● ZET442/514x | EX | 0.00 T at 400nm | 0° | ASCII |
| ● ZT442/514rpc | BS | 0.00 T at 400nm | 45° | ASCII |
| ● ET480/40m | EM | 0.00 T at 400nm | 0° | ASCII |
| ● ET545/40m | EM | 0.00 T at 400nm | 0° | ASCII |
| ● ZET442/514m | EM | 0.00 T at 400nm | 0° | ASCII |

TRF59903-EM



| FILTERS | TYPE | %T-OD | AOI | DATA |
|----------------|------|-----------------|-----|-------|
| ● ZET442/532x | EX | 0.00 T at 400nm | 0° | ASCII |
| ● ZT442/532rpc | BS | 0.00 T at 400nm | 45° | ASCII |
| ● ET500/40m | EM | 0.00 T at 400nm | 0° | ASCII |
| ● ET585/65m | EM | 0.00 T at 400nm | 0° | ASCII |
| ● ZET442/532m | EM | 0.00 T at 400nm | 0° | ASCII |

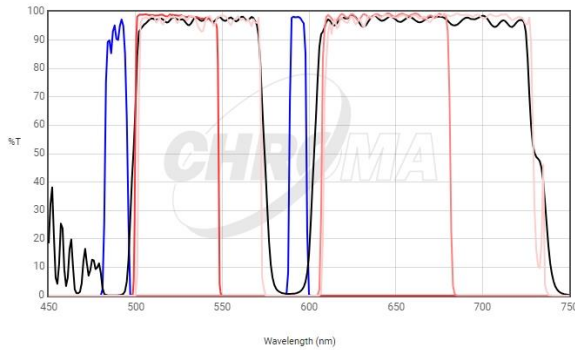
TRF59904-EM



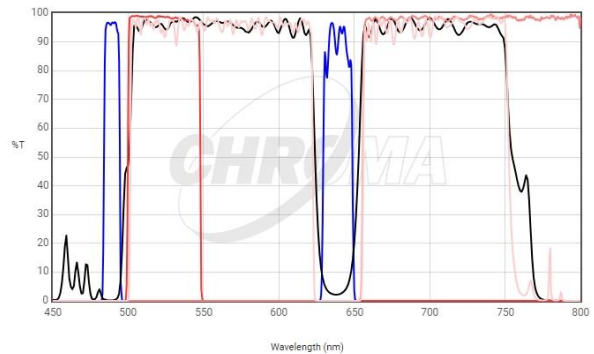
| FILTERS | TYPE | %T-OD | AOI | DATA |
|----------------|------|-----------------|-----|-------|
| ● ZET488/561x | EX | 0.00 T at 450nm | 0° | ASCII |
| ● ZT488/561rpc | BS | 0.00 T at 450nm | 45° | ASCII |
| ● ET525/50m | EM | 0.00 T at 450nm | 0° | ASCII |
| ● ET610/75m | EM | 0.00 T at 450nm | 0° | ASCII |
| ● ZET488/561m | EM | 0.00 T at 450nm | 0° | ASCII |

ET Series - Surface Single Molecule FRET Filter Sets

TRF59905-EM



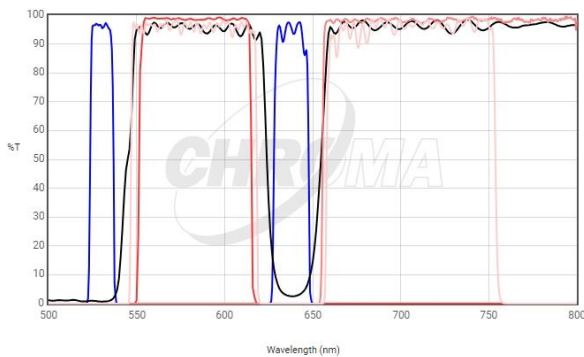
TRF59906-EM



| FILTERS | TYPE | %T-OD | AOI | DATA |
|----------------|------|-----------------|-----|-------|
| ● ZET488/594x | EX | 0.00 T at 745nm | 0° | ASCII |
| ● ZT488/594rpc | BS | 1.47 T at 745nm | 45° | ASCII |
| ● ET525/50m | EM | 0.00 T at 745nm | 0° | ASCII |
| ● ET645/75m | EM | 0.00 T at 745nm | 0° | ASCII |
| ● ZET488/594m | EM | 0.01 T at 745nm | 0° | ASCII |

| FILTERS | TYPE | %T-OD | AOI | DATA |
|----------------|------|-----------------|-----|-------|
| ● ZET488/640x | EX | 0.00 T at 450nm | 0° | ASCII |
| ● ZT488/640rpc | BS | 0.00 T at 450nm | 45° | ASCII |
| ● ET525/50m | EM | 0.00 T at 450nm | 0° | ASCII |
| ● ET655lp | EM | 0.00 T at 450nm | 0° | ASCII |
| ● ZET488/640m | EM | 0.00 T at 450nm | 0° | ASCII |

TRF59907-EM



| FILTERS | TYPE | %T-OD | AOI | DATA |
|----------------|------|-----------------|-----|-------|
| ● ZET532/640x | EX | 0.00 T at 500nm | 0° | ASCII |
| ● ZT532/640rpc | BS | 0.00 T at 500nm | 45° | ASCII |
| ● ET585/65m | EM | 0.00 T at 500nm | 0° | ASCII |
| ● ET655lp | EM | 0.00 T at 500nm | 0° | ASCII |
| ● ZET532/640m | EM | 0.00 T at 500nm | 0° | ASCII |