

Quantitative analysis- Image J

MASSON TRICHROME

URT

ANIMAL	Pixels/um2
R1	140,236
R2	182,573
R3	149,708
R4	141,652
R5	182,262
R6	158,165
R7	175,057
R8	158,859
MEAN	161.1
SD	17.16
SE	6.066

SED

ANIMAL	Pixels/um2
R2	131,374
R3	105,244
R4	126,502
R5	139,696
MEAN	125.7
SD	14.69
SE	7.344

unpaired Student t-test

Masson	SED vs. URT	p=0.0056
		F=1.365

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RESORCIN-FUCHSIN

URT

ANIMAL	Pixels/um2
R1	28.24
R2	21.96
R5	21.35
R6	18.97
R7	19.09
R8	18.88

MEAN	21.42
SD	3.597
SE	1.468

SED

ANIMAL	Pixels/um2
R1	19.53
R2	8.87
R4	10.73

MEAN	13.04
SD	5.694
SE	3.287

unpaired Student t-test		
Resorcin-Fuchsin	SED vs. URT	p=0.0284
		F=2.506

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MMP1

URT

ANIMAL	Pixels/um2
R1	75,925
R2	50,211
R3	56,493
R4	67,849
R5	69,755
R7	61,087
R8	58,458

MEAN	62.83
SD	8.815
SE	3.332

SED

ANIMAL	Pixels/um2
R1	31,258
R2	13,364
R3	30,600
R4	1,879

MEAN	19.28
SD	14.25
SE	7.126

unpaired Student t-test

MMP1 SED vs. URT p=0.0001
F=2.615

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TIMP1

URT

ANIMAL	Pixels/um2
R1	32,368
R3	27,712
R4	31,309
R5	49,123
R6	50,437
R8	42,474

MEAN	38.9
SD	9.755
SE	3.983

SED

ANIMAL	Pixels/um2
R1	27,094
R2	20,342
R3	24,265
R4	99,007

MEAN	42.68
SD	37.66
SE	18.83

unpaired Student t-test		
MMP1	SED vs. URT	p=0.8161
		F=14.90