

**Sudan IV Stain**  
(used on lesioned areas)

Stain Solution:

Sudan IV (Sigma S-4261)	5 grams
70% Ethanol	500 ml
100% Acetone	500 ml

Mix and filter before use (X2)

Procedure:

1. Fixed or fresh specimens are rinsed for 5 min. in 70% EtOH.
2. Stain for 6 min with Sudan IV, agitate occasionally.
3. Differentiate in 80% EtOH for 3 min. You may need to change the 80% EtOH once if it becomes excessively colored.
4. Wash in running tap water or place in buffer solution (ie. PBS). The stain will fade if left in EtOH.