

Diffusion Transfer Reversal (Peel Apart)

Supplies

General chemistry supplies:

- Magnetic stir plate: <https://www.amazon.com/dp/B0DHW53R1Q>
- 10pc glass beakers/cylinders: <https://www.amazon.com/dp/B08X6KP8PS>
- 2oz reagent bottles: <https://www.amazon.com/dp/B0FPCSMBQ4>
- 4oz reagent bottles: <https://www.amazon.com/dp/B0FPCVH56J>
- 250mL wash bottles: <https://www.amazon.com/dp/B08VGRG1P4>
- 200-1000uL micropipette: <https://www.amazon.com/dp/B09L69YNT9>
- 3mL dropper pipettes: <https://www.amazon.com/dp/B0C4JV8MZJ>
- Disposable medicine cups: <https://www.amazon.com/dp/B0B65HZJJ1>
- Lab sampling scoops: <https://www.amazon.com/dp/B07SJY93ZY>
- Digital milligram scale (0.001g accuracy): <https://www.amazon.com/dp/B07ZQZ962K>
- 500mL HDPE bottles: <https://www.amazon.com/dp/B0D4HQ7NZ4>
- PPE (gloves, safety glasses, lab apron, etc. **NON-NEGOTIABLE!**)
- Pure water (Ideally deionized, available at Whole Foods. Distilled will do.)

For coating paper:

- 10um wire bar coater: <https://www.amazon.com/dp/B0G9R57X4G>
- 12" x 9" x 2" Grade B granite surface plate: <https://www.amazon.com/dp/B08BXXMX46W>
- High Image 5 mil waterproof paper: <https://www.amazon.com/dp/B0BKW5NV19>
- Hair dryer with adjustable heat

For making reagent:

- Hydroxyethyl Cellulose: <https://www.amazon.com/dp/B0DWTBTKBS>
- 30mL syringes: <https://www.amazon.com/dp/B09MLY6TDG>
- Paint mixer drill attachment: <https://www.amazon.com/dp/B08TG6TRQG>

For processing photos:

- Crenova Laminator machine (**BLACK**): <https://www.amazon.com/dp/B07PJTQGL3>
- 12mil presentation covers (**BLACK**): <https://www.amazon.com/dp/B0FPCTCDGC>
- Polyester tape (0.5" x 72yd): <https://www.amazon.com/dp/B07HCLY1P3>

Chemicals

Chemicals to buy directly:

- Dimezone S: <https://www.freestylephoto.com/2510057-Bellini-Dimezone-S-10-Grams>
- Metol: <https://artcraftchemicals.com/products/metol-part-1185>

- Palladium (II) Chloride: <https://artcraftchemicals.com/products/palladium-ii-chloride-formula-pdcl2-part-pd070-1>
- Potassium Hydroxide: <https://stores.photoformulary.com/potassium-hydroxide-class-8-ground-ups-only-choose-ups-ground-shipping-at-checkout/>
- Sodium Hydroxide: <https://artcraftchemicals.com/products/sodium-hydroxide-part-1759>
- Sodium Sulfide: <https://www.bostick-sullivan.com/product/sodium-sulfide-100gm/>
- Sodium Sulfit: <https://artcraftchemicals.com/products/sodium-sulfite-anhy-part-1416>
- Sodium Thiosulfate: <https://artcraftchemicals.com/products/sodium-thiosulfate-penta-part-1435>
- Triethanolamine: <https://artcraftchemicals.com/products/triethanolamine-part-1475>
- Tween 20: <https://artcraftchemicals.com/products/tween-20-100-part-1810>

Chemicals you must CONTACT Artcraft to purchase:

For the chemicals without a link, provide the CAS number.

- 2-(2-Aminoethylamino)ethanol: <https://www.tcichemicals.com/US/en/p/A0299>
- Lithium hydroxide monohydrate: (CAS 1310-66-3)
- Ludox HS-30: <https://www.sigmaaldrich.com/US/en/product/aldrich/420824>
- n,n-diethylhydroxylamine: <https://www.tcichemicals.com/US/en/p/D1339>
- tert-Butylhydroquinone: (CAS 1948-33-0)
- Uracil: <https://www.tcichemicals.com/US/en/p/U0013>