

# Hematoxylin, Weigert's Iron Kit

**Description:** Weigert's Iron Hematoxylin is intended to be used with various special stain kits and procedures as an acid-resistant nuclear stain. It may also be used as a standalone stain for viewing nuclei. This product is supplied as a two component (equal volumes of parts A and B) system that is mixed prior to use and results in blue/black nuclei.

**Results:** Nuclei: Blue to Black

**Uses/Limitations:** Not to be taken internally.  
For In-Vitro Diagnostic use only.  
Histological applications.  
Do not use if reagent become cloudy.  
Do not use past expiration date.  
Use caution when handling reagent.  
Non-Sterile.

**Control Tissue:** Any well-fixed tissue.

**Kit Availability:**

<u>Item #</u>	<u>Components</u>	<u>Total Volume</u>
HWI-1	HWI-A, HWI-B, 125ml each.	250mls
HWI-2	HWI-A, HWI-B, 500mls each	1000ml
HWI-3	HWI-A, HWI-B, 1L each	2000ml

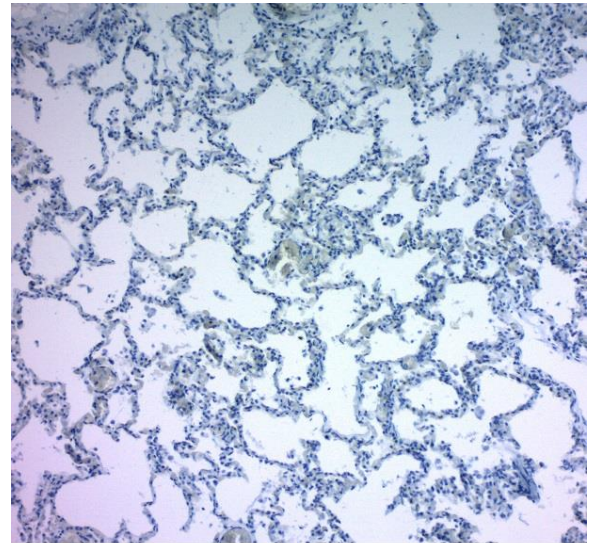


Fig Lung at 10X stained with the Hematoxylin Weigerts Stain Kit (HWI)


Pricing found at [www.scytek.com](http://www.scytek.com)  
Please contact for pricing and availability in larger bulk sizes.


**Precautions:** Avoid contact with skin and eyes.  
HWI-A component is pure ethanol, keep away from spark and flame and seal lid tightly.  
Follow all Federal, State, and local regulations regarding disposal.

**Storage:** Store both components of kit at room temperature (18-25°C).

**Procedure:**

1. Using graded alcohols, rehydrate tissue section to distilled water.
2. Immediately before use, mix equal volumes of Part A and Part B. (Note: Do not reuse mixed stain)
3. Stain slide in combined Hematoxylin, Weigert's Iron for 2-5 minutes.
4. Rinse for 2 minutes in several changes of tap water.

Storage: 18° C  25° C

 ScyTek Laboratories, Inc.  
205 South 600 West  
Logan, UT 84321  
U.S.A.

**CE** IVD


EC REP  
Emergo Europe  
Prinsessegracht 20  
2514 AP The Hague, The Netherlands


P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - [www.scytek.com](http://www.scytek.com)

5. (Optional) Dip slide in a Bluing Reagent (ScyTek Item# BRT) for 30 seconds.
6. Rinse slide in distilled water.
7. Dehydrate in absolute alcohol.
8. Clear, and mount in synthetic resin.

#### References:

1. Chen, Mien-Cheng, Jen-Ping Chang, Tzu-Hao Chang, Sheng-Da Hsu, Hsien-Da Huang, Wan-Chun Ho, Feng-Sheng Wang, Chang-Chun Hsiao, and Wen-Hao Liu. "Unraveling Regulatory Mechanisms of Atrial Remodeling of Mitral Regurgitation Pigs by Gene Expression Profiling Analysis: Role of Type I Angiotensin II Receptor Antagonist." *Translational Research* 165, no. 5 (May 1, 2015): 599–620. <https://doi.org/10.1016/j.trsl.2014.11.005>.
2. Kim, H. M., Y. Y. Lim, M. Y. Kim, I. P. Son, D. H. Kim, S. R. Park, S. K. Seo, et al. "Inhibitory Effect of Tianeptine on Catagen Induction in Alopecia Areata-like Lesions Induced by Ultrasonic Wave Stress in Mice." *Clinical and Experimental Dermatology* 38, no. 7 (2013): 758–67. <https://doi.org/10.1111/ced.12047>.
3. Lin, Yi-Yuan, Jwo-Sheng Chen, Xu-Bo Wu, Woei-Cherng Shyu, Rungchai Chaunchaiyakul, Xian-Li Zhao, Chia-Hua Kuo, Yu-Jung Cheng, Ai-Lun Yang, and Shin-Da Lee. "Combined Effects of 17 $\beta$ -Estradiol and Exercise Training on Cardiac Apoptosis in Ovariectomized Rats." *PLOS ONE* 13, no. 12 (December 20, 2018): e0208633. <https://doi.org/10.1371/journal.pone.0208633>.
4. Okura, Hanayuki, Hiroshi Komoda, Ayami Saga, Aya Kakuta-Yamamoto, Yoko Hamada, Yuichi Fumimoto, Chun Man Lee, Akihiro Ichinose, Yoshiki Sawa, and Akifumi Matsuyama. "Properties of Hepatocyte-like Cell Clusters from Human Adipose Tissue-Derived Mesenchymal Stem Cells." *Tissue Engineering Part C: Methods* 16, no. 4 (October 19, 2009): 761–70. <https://doi.org/10.1089/ten.tec.2009.0208>.
5. Silva, João P., Sandeep Dhall, Monika Garcia, Alex Chan, César Costa, Miguel Gama, and Manuela Martins-Green. "Improved Burn Wound Healing by the Antimicrobial Peptide LLKKK18 Released from Conjugates with Dextrin Embedded in a Carbopol Gel." *Acta Biomaterialia* 26 (October 15, 2015): 249–62. <https://doi.org/10.1016/j.actbio.2015.07.043>.

Storage: 18° C  25° C



ScyTek Laboratories, Inc.  
205 South 600 West  
Logan, UT 84321  
U.S.A.

CE 

EC REP

Emergo Europe  
Prinsessegracht 20  
2514 AP The Hague, The Netherlands