

Richard–Allan Scientific Signature Stains

Richard-Allan Scientific Hematoxylin 7211

Richard-Allan Scientific Signature Series Hematoxylin 7211 is a uniquely formulated product that yields results which exceed that of Gill or Harris Hematoxylin.

- No affinity for acid mucopolysaccharide (mucin) staining
- Crisp slides with clear, well-defined nuclear chromatin delineation

Richard-Allan Scientific Hematoxylin 7212

Richard-Allan Scientific Signature Series 7212 offers a unique formula consisting of a new generation dye-lake complex.

- Rapid, progressive stain requires no filtration prior to use
- Contains no mercuric oxide
- Little affinity for mucin staining
- Results in clear, crisp nuclear stain with a deeper, more robust intensity

Richard-Allan Scientific Hematoxylin 1

Richard-Allan Scientific Signature Series Hematoxylin 1 produces staining intensities similar to Gill™ 1, 2 and 3 Hematoxylin, based on timing.

- Differentiation is not necessary, however, Clarifier 1 should be used to eliminate any background staining caused by use of excessive water bath adhesive
- Rapid stain requires no filtration prior to use
- Will not form crystals upon standing or exposure to cold weather

Richard-Allan Scientific Hematoxylin 2

Richard-Allan Scientific Signature Series Hematoxylin 2 produces staining intensity similar to Harris Hematoxylin.

- Unlike many comparable products, Hematoxylin 2 does not contain mercuric oxide and will not form a metallic sheen over its surface each day
- Differentiation is not necessary, however, Clarifier 2 should be used to eliminate any background staining caused by the use of excessive water bath adhesive
- Recommended for frozen sections
- Requires no filtration prior to use
- Will not form crystals upon standing or exposure to cold weather

Richard-Allan Scientific Eosin-Y

Richard-Allan Scientific Signature Series Eosin-Y is a fast-acting, alcoholic counterstain that provides excellent delineation of cytoplasmic components.

- Color contrast between the nuclei and cytoplasm is unmatched
- Various shades of red and pink differentiate muscle, red blood cells, and connective tissue
- Strict quality assurance guarantees product consistency and longevity
- Quantitative testing eliminates the need for adjustments in dilution or time

Richard-Allan Scientific Bluing Reagent

Richard-Allan Scientific Signature Series Bluing Reagent is premixed and ready-to-use.

- Buffered to ensure proper alkalinity (pH = 8.0)
- Requires only a one minute rinse in water versus conventional bluing agents which require up to five minutes of rinsing
- Ensures crisp nuclear detail

Richard-Allan Scientific Clarifier 1, 2

Richard-Allan Scientific Signature Series Clarifier 1 and 2 are unique acetic acid formulations designed to remove background stain caused by excessive use of tissue adhesive and to increase cell transparency.

- Both Clarifier 1 and 2 selectively remove hematoxylin staining from excess adhesive without affecting nuclear staining
- Use of Clarifier 1 or 2 improves contrast between nuclei and cytoplasm

Description	Qty.	Order Number	Description	Qty.	Order Number
Richard-Allan Scientific Hematoxylin 7211			Richard-Allan Scientific Bluing Reagent		
1 pt (0.47 L)	4 / case	7211	1 gal (3.8 L)	ea.	7301
1.32 gal (5 L)	ea.	7211L	1 gal (3.8 L)	4 / case	7341
Richard-Allan Scientific Hematoxylin 7212			1.32 gal (5 L)	ea.	7301L
1 pt (0.4 L)	4 / case	7212	Richard Allan Scientific Clarifier 1, 2		
1.32 gal (5 L)	ea.	7212L	Clarifier 1		
Richard-Allan Scientific Hematoxylin 1			1 gal (3.8 L)	ea.	7401
1 pt (0.47 L)	4 / case	7221	1 gal (3.8 L)	4 / case	7441
1.32 gal (5 L)	ea.	7221L	Clarifier 2		
Richard-Allan Scientific Hematoxylin 2			1 gal (3.8 L)	ea.	7402
1 pt (0.47 L)	4 / case	7231	1 gal (3.8 L)	4 / case	7442
Richard-Allan Scientific Eosin-Y			1.32 gal (5 L)	ea.	7402L
1 pt (0.47 L)	4 / case	7111			
1.32 gal (5 L)	ea.	7111L			



Richard–Allan Scientific Standard Stains

Richard-Allan Scientific Gill 1, 2, 3 Hematoxylin

Richard-Allan Scientific™ Gill™ Hematoxylin are progressive nuclear stains. Three strengths are available, allowing the user complete control of staining intensities.

- Gill 1 is recommended for use in cytology
- Gill 2 has applications in histology and cytology
- Gill 3 is used in histology
- All are premixed and ready to use

Richard-Allan Scientific Modified Harris Hematoxylin

Richard-Allan Scientific Modified Harris Hematoxylin is a regressive nuclear stain.

- Formulation contains no mercury and is more stable than conventional Harris Hematoxylin
- Can be used in both histology and cytology
- Should be filtered prior to use

Richard-Allan Scientific Modified Mayer's Hematoxylin

Richard-Allan Scientific Modified Mayer's Hematoxylin is a progressive nuclear stain. It is difficult to over stain sections with this product, yet very crisp nuclear staining is achieved.

- A good choice as a counterstain in immunoperoxidase and special stain procedures
- Requires no acid rinse and does not stain mucin
- Recommended for use when less intense results are desired

Richard-Allan Scientific Differentiating Solution

Richard-Allan Scientific Differentiating Solution is a standard formulation of hydrochloric acid in denatured alcohol.

- Reproducible batch results allow for consistent staining in regressive procedures
- Solution provides clear differentiation and contrast between the hematoxylin and eosin

Richard-Allan Scientific Eosin-Y Alcoholic, Eosin-Y with Phloxine, Eosin-Y Saturated

Richard-Allan Scientific Eosin-Y Alcoholic, Eosin-Y with Phloxine, and Eosin-Y Saturated were developed to satisfy a wide range of customer needs.

- Strict quality control of raw materials and finished product ensures the highest product quality every time
- Eosin-Y Alcoholic produces three distinct color variations enhancing differentiation between muscle, red blood cells and connective tissue
- Eosin-Y with Phloxine yields a brighter reddish hue and a more dramatic differentiation of cytoplasmic color than Eosin-Y Alcoholic
- Eosin-Y Saturated is very intense and rapid counterstain that can be used to make working solutions of Eosin-Y

Powdered Stains

Certified by the Biological Stain Commission

Description	Qty.	Order Number
Richard-Allan Scientific Gill 1, 2, 3 Hematoxylin		
Gill 1 Hematoxylin		
1 pt (0.47 L)	4 / case	72404
1 gal (3.8 L)	ea.	72411
Gill 2 Hematoxylin		
1 pt (0.47 L)	4 / case	72504
1 gal (3.8 L)	ea.	72511
Gill 3 Hematoxylin		
1 pt (0.47 L)	4 / case	72604
1 gal (3.8 L)	ea.	72611
Richard-Allan Scientific Modified Harris Hematoxylin		
1 gal (3.8 L)	ea.	72704
1 gal (3.8 L)	4 / case	72711
Richard-Allan Scientific Modified Mayer's Hematoxylin		
1 pt. (0.47 L)	4 / case	72804
Richard-Allan Scientific Differentiating Solution		
1 pt (0.47 L)	4 / case	74204
1 gal (3.8 L)	ea.	74211
Richard-Allan Scientific Eosin-Y Alcoholic		
1 pt (0.47 L)	4 / case	71204
1 gal (3.8 L)	ea.	71211
2.5 gal (9.46 L) cubitainer	ea.	71225

Description	Qty.	Order Number
Richard-Allan Scientific Eosin-Y with Phloxine		
1 pt (0.47 L)	4 / case	71304
1 gal (3.8 L)	ea.	71311
Richard-Allan Scientific Eosin-Y Saturated		
1 pt (0.47 L)	4 / case	71304
Richard-Allan Scientific Dry Powder Stains		
Eosin-Y 100 g	ea.	90017
Hematoxylin 25 g	ea.	90022

