

Gel Staining Solutions

Summary of suitability and recommended applications

Suitability of protein stainings

Staining	Sensitivity	Rapid Gel Analysis	Gel Drying	Elution/ Transfer	2D-Gels	MS-Analysis
Roti®-Black P	1 ng/mm ²	-	+++	-	+++	-
Roti®-Red	1 ng/mm ²	-	-	+	+++	+++
Roti®-Green	3 ng/mm ²	+	-	+++	+++	+++
Roti®-Blue	10 ng/mm ²	-	+	+++	-	+++
Roti®-White	15 ng/mm ²	+	-	+++	-	+
Roti®-BlauR	50 ng/mm ²	+++	+	-	-	-

+++ : recommended + : suitable

- : not recommended

Staining	Sensitivity	Description
Roti®-Black N	<0,1 ng/mm ²	Silver staining of DNA polyacrylic amide gels, visible under white light
Roti®-Black NSeq	<0,1 ng/mm ²	Silver staining of DNA sequencing gels, visible under white light
Roti®-Safe GelStain	1,5 ng/mm ²	Sensitive fluorescent staining of nucleic acids (excitation: 254-360 nm wave length)
Ethidium bromide solution	1,5 ng/mm ²	Quick standard staining of DNA, fluorescent (excitation: 254-360 nm wave length)
Roti®-Methylen blue staining concentrate	10 ng/mm ²	Reversible, non-toxic blue staining of DNA, visible under white light

Carl Roth GmbH + Co. KG

Schoemperlenstraße 3-5
 76185 Karlsruhe
 Postfach 100121
 76231 Karlsruhe
 Telefon: +49 (0) 721/ 5606-0
 Telefax: +49 (0) 721/ 5606-149
 E-Mail: info@carlroth.com
 Internet: www.carlroth.com

ah 08.2010