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Following is a sample of the front cover and two inside pages from an 84-page catalog describing a wide range of products for scientific imaging (DNA sequencing, autoradiography, gel electrophoresis, digital imaging, and software).

Client: Eastman Kodak
Rochester, NY

Call us if you'd like a printed copy, or get more information on these products at www.kodak.com

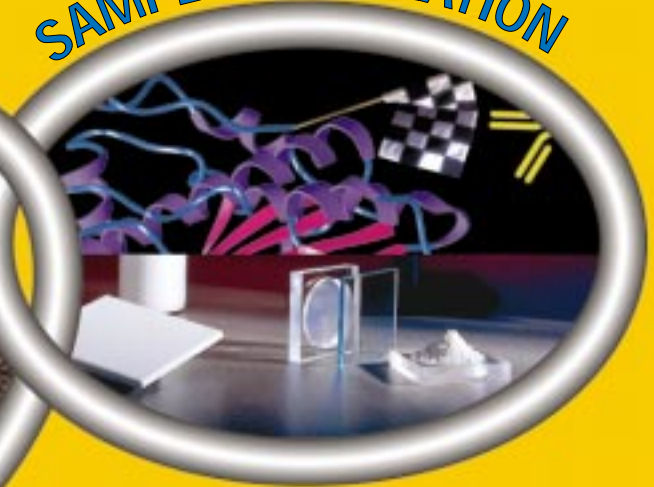
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SAMPLE PREPARATION



SAMPLE SEPARATION



IMAGE CAPTURE



Scientific Imaging Systems

ANALYSIS & PRESENTATION



STORAGE & RETRIEVAL



Products for every link in the scientific imaging chain



Scientific Imaging Systems



Kodak White Reflectance Products



Kodak White Reflectance Products are available as powder or paint. Both are composed of highly purified barium sulfate which gives extremely high diffuse reflectance of radiant energy and yield absolute reflectance values of up to 0.993 throughout the ultraviolet, visible and part of the near infrared regions.

Kodak White Reflectance Coating is a composition of barium sulfate, binder and solvent that is prepared to form a paint which can be applied by spraying or coating. It is ideal for use in integrating spheres and in reflectance spectrophotometers, color difference meters, sphere photometers and other instrumentation.

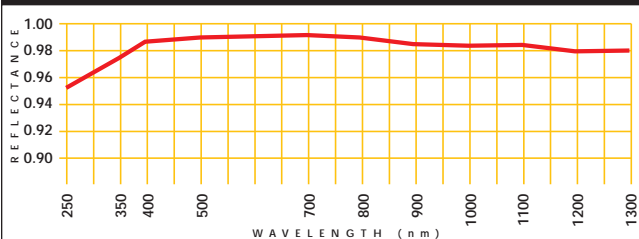
The **White Reflectance Standard** is an ultra-pure barium sulfate powder that is ideal for inter-laboratory comparisons of reflectance data.

Kodak White Reflectance Products Benefits

- Ultra-pure and highly stable
- NIST-Referenced
- Excellent diffuse reflectance from 200 nm to 2,500 nm
- Can be applied on many surfaces

Kodak White Reflectance Standard

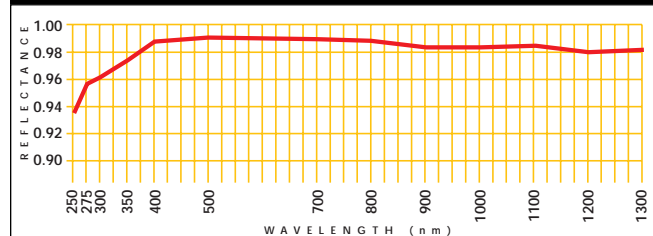
Absolute reflectance values



Wavelength	Reflectance	Wavelength	Reflectance
250	0.951	900	0.985
350	0.992	1000	0.984
400	0.993	1100	0.985
500	0.992	1200	0.980
700	0.991	1300	0.981
800	0.991		

Kodak White Reflectance Coating

Absolute reflectance values of 1.5 mm thick coating



Wavelength	Reflectance	Wavelength	Reflectance
250	0.934	800	0.988
275	0.954	900	0.985
300	0.961	1000	0.984
350	0.977	1100	0.985
400	0.989	1200	0.980
500	0.991	1300	0.981
700	0.991		

Reflectance values determined using 6°/hemispherical geometry. Routine testing from 250–700 nm. All others reference only.

Ordering Information

Description

Quantity

Catalog

Kodak White Reflectance Coating	500 mL	118 1759
	2 liter	196 1861
Kodak White Reflectance Standard	500 g	118 1841
Kodak High Viscosity Sprayer (for applying White Reflectance Coating and other high viscosity materials)	1 unit	136 6350

Nucleic Acid Quantitation



Kodak DNA QuikStrip™



The DNA QuikSTRIP comes with everything you need for easy, fast DNA estimation.

The Kodak DNA QuikStrip is a simple colorimetric system that allows for rapid estimation of single- or double-stranded nucleic acids in three easy steps, in less than three minutes.

Simply spot the sample and a serial dilution of known standards on a QuikSTRIP, incubate for 30 seconds in the provided DNA Blue stain, and rinse under tap water. The clear, permanent record may be scanned using reflective densitometry for an accurate prediction of nucleic concentration (see figure 1).

The DNA Quikstrip is ideal for determining concentration as low as 10 ng/μl in such applications as:

- Subcloning
- mRNA isolation
- cDNA synthesis
- RNA transcription
- Plasmid and phage DNA preps
- DNA electroelution
- Oligonucleotide synthesis

The system comes complete with everything you need to process 50 strips. You can spot up to six spots per strip (standards not included).

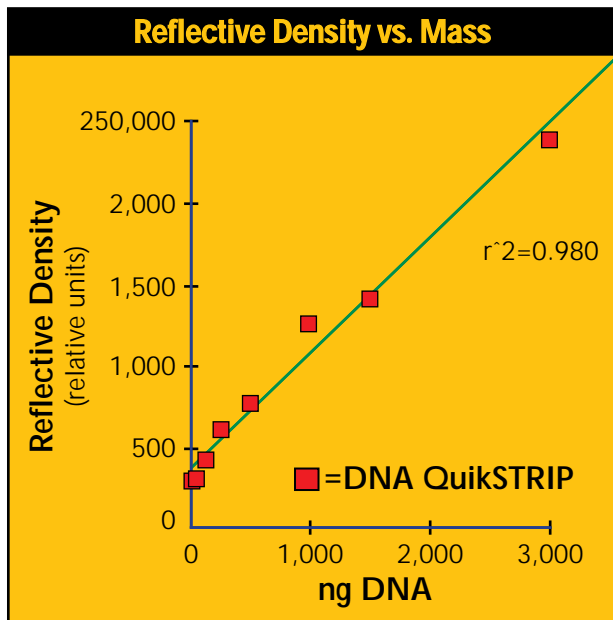
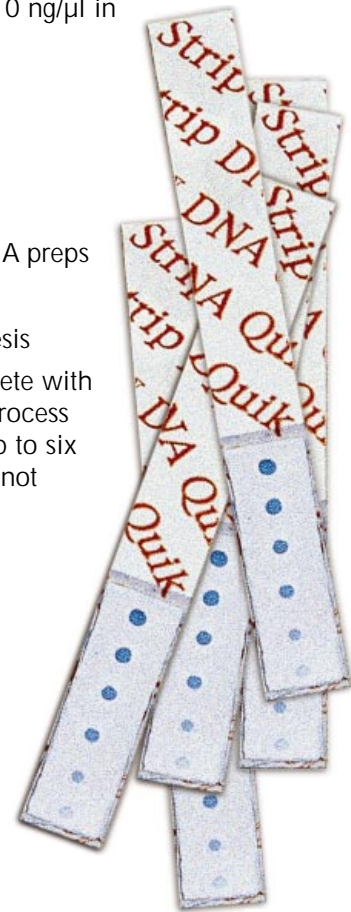


Figure 1: ϕ X-174 RF DNA was diluted to 3.0, 1.5, 1.0, 0.5, 0.25, 0.13, 0.06, and 0.03 μg/μl and spotted onto a DNA QuikStrip. After staining, the results were scanned using a reflective densitometer. Analysis shows that the relative density is a simple function of the quantity of sample spotted. The most accurate and linear results occur with nucleic acids of 200 bp or greater.

Ordering Information

Description

Catalog

DNA QuikStrip Kit	
Including 5 assay strips	IB73100
Including 50 assay strips	IB73000