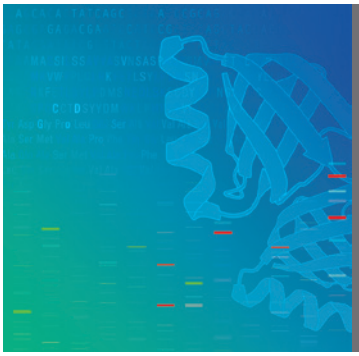

Getting Started with ChemiDoc™ Go and GelDoc™ Go Sample Trays

Quick Guide

The following trays, accessories, and applications are supported for use with the ChemiDoc Go and GelDoc Go Imaging Systems. The UV/Stain-Free Tray ships with the instrument; all other trays are optional accessories.

Tray Type or Accessory	Description
UV/Stain-Free Tray for ChemiDoc Go and GelDoc Go Imaging Systems (catalog #12012189)	Use with the following applications: ▪ Chemiluminescence ▪ Colorimetric blots ▪ Coomassie Fluor Orange Stain ▪ Diamond Stain ▪ Ethidium bromide (EtBr) ▪ Flamingo Stain ▪ Gel excision ▪ GelGreen Stain ▪ GelRed Stain ▪ Oriole Gel Stain ▪ Ponceau blots ▪ Stain-Free gels and blots ▪ SYBR® Stains ▪ SYPRO Ruby Stain ▪ UView Stain **Caution:** You must use the accessory UV Shield for ChemiDoc Go and GelDoc Go Imaging Systems with the UV/Stain-Free Tray during any band excision procedure. This ultraviolet (UV) shield reduces exposure to UV rays. **Caution:** Before you perform band excision, you must protect yourself from UV radiation by wearing protective gear, including UV-protective eyewear, lab coat, and gloves. Follow instructions in the Band Excision Using the ChemiDoc Go and GelDoc Go Imaging Systems Quick Guide (10000122134).
White Tray for ChemiDoc Go Imaging System (#12019873) White Tray for GelDoc Go Gel Imaging System (#12012165)	Use with protein applications that call for colorimetric stains: ▪ Coomassie Blue Stain ▪ Fast Blast DNA Stain ▪ Silver stain
Blue Tray for ChemiDoc Go Imaging System (#12019748) Blue Tray for GelDoc Go Gel Imaging System (#12012160)	Use with all nucleic acid applications that use blue-excitable stains: ▪ Diamond Stain ▪ Gel excision ▪ GelGreen Stain ▪ GelStar Stain ▪ StarBright™ Blue 520 Dye (only for ChemiDoc Go Imaging System) ▪ StarBright Blue 700 Dye (only for ChemiDoc Go Imaging System) ▪ SYBR® Gold Stain ▪ SYBR® Green Stain ▪ SYBR® Safe Stain **Note:** Because the Blue Tray does not use UV, it avoids damage to nucleic acids during imaging and is safer for the user during band excision. XcitaBlue Viewing Goggles (#1708185) are available.
UV Shield for ChemiDoc Go and GelDoc Go Imaging Systems (#12012164)	To be used with the UV/Stain-Free Tray when performing band excision.

Using the Trays

1 Clean the Tray

Use water and standard laboratory detergents or mild solvents such as ethanol or methanol.

2 Dry the Tray

Use lint-free wipe as dust particles or lint on a sample tray can glow under UV illumination.

3 Turn On the Instrument and Use Tray for Imaging

Center the sample (gel/blot) on the tray glass. Turn on the instrument. Pull the drawer door to open. Place tray on the transilluminator and close door fully.

Caution: Clean tray with water and standard laboratory detergents or mild solvents after use. Do not completely submerge tray and do not wash it in a dishwasher.

Visit bio-rad.com/ImagingSystems for more information.

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