WASTE DISPOSAL PROCEDURES FOR GELS AND RUNNING BUFFERS CONTAINING NUCLEIC ACID STAINS/DYES

Type of Unwanted Material	Waste Disposal Procedures
TAE, TBE, Tris/Glycine/SDS running buffers containing:	
Ethidium Bromide < 10ug/mL	Drain disposal
Ethidium Bromide ≥ 10ug/mL	Requires in lab deactivation or disposal by EHS
EvaGreen – all concentrations	Requires disposal by EHS
EZ Vison – all concentrations	Requires disposal by EHS
EZ Vision Two – any concentration	Requires disposal by EHS
EZ Vision Three – any concentration	Requires disposal by EHS
GelGreen in DMSO (stock) – any concentration	Requires disposal by EHS
GelRed in Water (stock) – any concentration	Drain disposal
GelStar in DMSO (stock) – any concentration	Requires disposal by EHS
SafeWhite in Water (stock) – any concentration	Drain disposal
SafeRed in Water (stock) – any concentration	Drain disposal
SafeGreen in Water (stock) – any concentration	Drain disposal
SYBR Gold in DMSO (stock) – any concentration	Requires disposal by EHS
SYBR Safe in 0.5X TBE (stock) – any concentration	Drain disposal
SYBR Safe in DMSO (stock) – any concentration	Requires disposal by EHS
SYPRO Ruby Protein Gel Stain in DMSO (stock) – any concentration	Requires disposal by EHS
Gels and debris containing:	
Ethidium Bromide	“Incinerate Only” biomedical waste
EvaGreen	“Incinerate Only” biomedical waste
EZ Vision	“Incinerate Only” biomedical waste
EZ Vision Two	“Incinerate Only” biomedical waste
EZ Vision Three	“Incinerate Only” biomedical waste
GelGreen	“Incinerate Only” biomedical waste
GelRed	Regular trash
GelStar	“Incinerate Only” biomedical waste
SafeGreen	Regular trash
SafeRed	Regular trash
SafeWhite	Regular trash
SYBR Gold	“Incinerate Only” biomedical waste
SYBR Safe in DMSO	“Incinerate Only” biomedical waste
SYBR Safe in 0.5X TBE	Regular trash
SYPRO Ruby Protein Gel Stain in DMSO	“Incinerate Only” biomedical waste
Gels and debris contaminated with GelRed, SafeWhite, SafeRed, SafeGreen, and SYBR Safe in 0.5X TBE	Regular trash

Contact EAS at 203-432-6545 or waste.requests@yale.edu for the proper management/disposal of any nucleic acid stains/dyes not listed above.