

Tissue Optimal Pretreatment Condition Table

Species	Format	Tissue Type	Pathology	Boiling Pretreatment 2 time (min)	Protease Pretreatment 3 time (min)	Protease Pretreatment 3 (conc)dilute with 1X PBS
Mouse	Section	Intestine	Normal	10	30	1:10
	Section	Intestine	Normal	30	30	1X (std)
	Section	Intestine	Tumor	10	30	1:10
	Section	Embryo	Normal	10	30	1:10
	Section	Brain	Normal	15	30	1:2
	Section	Spleen	Normal	15	30	1:2
	Section	Spleen	Normal	10	30	1:10
	Section	Eye	Normal	15	30	1X(std)
	Section	Eye	Mutant	15	30	1X(std)
	Section	Liver	Normal	15	30	1X (std)
	Section	Kidney	Normal	15	30	1X (std)
Rat	Section	Kidney	Normal	30	30	1X (std)
Human	Section	Breast	Normal	15	30	1X (std)
	Section	Breast	Tumor	30	30	1X (std)
	Section	Colon	Tumor	15	30	1X (std)
	Section	Colon	Normal	15	30	1X (std)
	Section	Lung	Tumor	15	30	1X (std)
	Section	Lung	Normal	15	30	1X (std)

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	Section	Prostate	Tumor	30	30	1X (std)
	Section	Prostate	Normal	30	30	1X (std)
	Section	Lymph node	Tumor	15	30	1X (std)
	Section	Lymph node	Normal	15	30	1:2
	Section	Cervical	Cancer	30	30	1X (std)
	Section	Cervical	Normal	15	30	1X (std)
	Section	Cervical Dysplasia	Abnormal	15	30	1X (std)
	Section	Brain	Tumor	15	30	1X (std)
	Section	Brain	Normal	15	30	1:2
	Section	Head	Cancer	30	30	1X (std)
	Section	Neck	Cancer	30	30	1X (std)
	Section	Liver	Cancer	30	30	1X (std)
	Section	Kidney	Normal	30	30	1X (std)
	Section	Skin	Normal	15	30	1X (std)
	Section	Melanoma	Tumor	15	30	1X (std)
	Section	Nevus	Benign	15	30	1X (std)
	Section	Placenta	Normal	15	30	1X (std)
	TMA	Skin	Normal	15	30; 30	1X
	TMA	Breast	Normal	15	30	1X (std)
	TMA	Breast	Normal	15	30; 30	1X (std)

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	TMA	Melanoma	Tumor	15	30; 30	1X (std)
	TMA	Nevus	Benign	15	30; 30	1X (std)
	TMA	Stomach	Normal	15	30; 30	1X (std)
	TMA	Stomach	Tumor	15	30; 30	1X (std)
	FFPE Cell pellet	HeLa Cell	Fixed at 10% NBF	15	30	1:2, 1:4
	FFPE Cell pellet		Fixed at 10% FNA/PBS	15	30	1X, 1:2