EDTA™ Decalcifying Solution

- Intended Use -

This is the Decalcifier to use for the best preservation of cytologic features for histochemical and immunochemical studies.

- General Information -

EDTA Decal (Acid Free) is a slow acting, extremely gentle chelating agent used to decalcify bone and retain antigenicity for immunochemical studies. It produces the high-quality morphology necessary for IHC, FISH and PCR procedures. EDTA Decal is acid free to maintain nucleic acid integrity. Decalcification of 11-gauge bone marrow biopsies requires 5-20 hours

- Staining Procedure -

1.	Ensure specimen is completely fixed prior to decalcification	
2.	Thoroughly rinse specimen in running water	10 min
3.	Place specimen in EDTA Decal. To ensure adequate decalcification, fixed specimens should be **no greater** than 1cm in thickness. Use approximately **20 times the volume** of EDTA Decal than that of the total volume of the specimen. During the decalcification process, periodically agitate the container ensure the specimen has been completely exposed to EDTA Decal.	~agitate periodically
4.	To determine decalcification end point, use procedure of choice: X-ray, chemical analysis, physical flexibility or resistance to probing	~Determine end point
5.	If further decalcification is required, place specimen in fresh change of EDTA Decal and repeat steps 3 and 4 until decalcification is complete.	~Repeat if necessary
6.	Thoroughly wash decalcified specimen in running water*	10 min

***** Specimen is now ready for processing.

- Packaging -

Catalog#	Volume
EDT038	Gal. (3.8L)
EDT100	Liter (1000mL)
EDT025	1 Gal. Cube
EDT438	CS/4 Gal. (3.8L)
EDT400	CS/4 Liter (1000mL)

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