



Tris-HEPES-SDS Buffer [1x; powder sachets]

Tris-HEPES-SDS (hereinafter referred to as HEPES) appears as white to off-white instant granules. Each pouch of HEPES instant granules can produce 500 mL 1x HEPES buffer, which is easy to operate and easy to use. The main components of HEPES are Tris, HEPES, EDTA and SDS. In 1x HEPES buffer the concentration of Tris is 50mM, the concentration of HEPES is 50mM, the concentration of EDTA is 2mM, and the content of SDS is 0.1%.

HEPES buffer is a commonly used protein gel electrophoresis buffer in biological experiments. It is often used in biochemical diagnostic kits, DNA/RNA extraction kits and PCR diagnostic kits. It has no toxic effect on cells.

Method:

1. Put magnetic stirring beads and ~600mL distilled water into a beaker.
2. While stirring, slowly pour the whole contents from 1 pouch of HEPES into the beaker; wait until everything is dissolved.
3. Add distilled water to bring the volume to 1 L and 1x solution is made.

Catalog No.	503102
Size	10 x 1L / Size1 / WSP
Product Category	SDS-PAGE Buffer & Stain
Storage/Stability	Ambient/1 year
Shipping	Ambient