



TBS/AFDC 11 (1610) DTZS/ ISO 20397-1:2022

DRAFT TANZANIA STANDARD

Biotechnology - Massively parallel sequencing - Part 1: Nucleic acid and library preparation

TANZANIA BUREAU OF STANDARDS

0 NATIONAL FOREWORD

The Tanzania Bureau of Standards is a statutory national standards body for Tanzania established under the Act.No.3 of 1975, amended by Act.No.2 of 2009.

This Tanzania Standard is being prepared by the Biotechnology Technical Committee, under supervision of Agriculture and Food Standards Divisional Committee (AFDC)

This Tanzania standard is identical to the ISO 20397-1:2022 Biotechnology - Massively parallel sequencing - Part 1: Nucleic acid and library preparation, published by International Organization for Standardization.

TERMINOLOGY AND CONVENTIONS

This text of the international standards if found suitable, may be approved for application as a Tanzania Standard without deviations.

Some terminology and certain conventions are not identical with those used in Tanzania standards; attention is drawn especially to the following.

The comma has been used as a decimal marker for metric dimensions. In Tanzania standards, it is current practice to use a full point on the base line as the decimal marker.

Wherever the words “International Standard” appear, referring to this Standard they should read as “Tanzania Standard”.

1. SCOPE

This Tanzania standard specifies the general requirements for and gives guidance on quality assessments of nucleic acid samples. It specifies general guidelines for library preparations and library quality assessments prior to sequencing and data generation.