

මහජන අදහස් සඳහා ප්‍රමිති කෙටුම්පත  
பொதுசனக் கருத்துரைக்கான கட்டளை வரைவு  
**DRAFT STANDARD FOR PUBLIC COMMENT**

(වෙනස්වීමට ඉඩ ඇත. திருத்தத்திற்குட்படக்கூடியது. - Liable to alteration)

නිකුත් කළ දිනය  
வெளியீட்டுத் திகதி  
Date of Issue

} 2024-03-15

අදහස් එවිය යුතු අවසාන දිනය  
ஆய்விப்பிரාசங்களை தெரிவிப்பதற்கான இறுதித்திகதி  
Latest Date for Receipt of Comments

} 2024-05-15



**Draft Sri Lanka Standard**  
**Biotechnology - Predictive computational models in personalized medicine research**  
**Part 1 : Constructing, verifying and validating models.**  
**(DSLS..... : .....) (ISO/TS 9491-1: 2023)**

செய்திநாண்கவெදய  
පුද්ගලාරෝපිත වෛද්‍ය පර්යේෂණ සඳහා වන පුරෝකථන පරිචණක ආකෘති  
පළමු කොටස : ආකෘති ගොඩනැගීම, තහවුරු කිරීම හා වලංගු කිරීම  
(ශ්‍රීලංපු කෙටුම්පත..... : .....) (ISO/TS 9491-1: 2023)

මෙම කෙටුම්පත ශ්‍රී ලංකා ප්‍රමිතියක් ලෙස නොසැලකිය යුතු මෙන් ම භාවිතා නොකළ යුතු ද වේ.  
இவ்வரைவு இலங்கைக் கட்டளையெனக் கருதப்படவோ அன்றிப் பிரயோகிக்கப்படவோ கூடாது  
This draft should not be regarded or used as a Sri Lanka Standard.

අදහස් එවිය යුත්තේ : ශ්‍රී ලංකා ප්‍රමිති ආයතනය, 17, වික්ටෝරියා පෙදෙස, ඇල්විටිගල මාවත, කොළඹ 08.

Comments to be sent to: SRI LANKA STANDARDS INSTITUTION, 17, VICTORIA PLACE,  
ELVITIGALA MAWATHA, COLOMBO 08.

නැඳින්වීම

මෙම ශ්‍රී ලංකා ප්‍රමිති කෙටුම්පත , ශ්‍රී ලංකා ප්‍රමිති ආයතනය විසින් සකසන ලදුව, සියලුම උදෙසාගේ අංශ වලට තාක්ෂණික විවේචනය සඳහා යටත් ලැබේ.

අදාළ අංශ හැර කමිටු මාර්ගයෙන් ආයතනයේ මහා මණ්ඩල වෙත ඉදිරිපත් කිරීමට පෙර , ලැබෙන සියලුම විවේචන ශ්‍රී ලංකා ප්‍රමිති ආයතනය විසින් සලකා බලා අවශ්‍ය වෙනස්කම් කෙටුම්පත සංශෝධනය කරනු ලැබේ.

මෙම කෙටුම්පතට අදාළ යෝජනා හා විවේචන නියමිත දිනට පෙර ලැබෙන්නට සැලැස්වුවහොත් අභය කොට සලකනු, තවද, මෙම කෙටුම්පත පිළිගත හැකි බැව් හැඟෙන අය ඒ බව දන්වන්නේ නම් එය ආයතනයට උපකාරී වනු ඇත.

මේ පිළිබඳව එවන සියලුම ලිපි පහත සඳහන් ලිපිනයට එවිය යුතුය.

අධ්‍යක්ෂ ජනරාල්  
ශ්‍රී ලංකා ප්‍රමිති ආයතනය,  
17, වික්ටෝරියා පෙදෙස,  
ඇල්විටිගල මාවත,  
කොළඹ 08.

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Introduction

This Draft Sri Lanka Standard has been prepared by the Sri Lanka Standards Institution and is now being circulated for technical comments to all interested parties.

All comments received will be considered by the SLSI and the draft if necessary, before submission to the Council of the Institution through the relevant Divisional Committee for final approval.

The Institution would appreciate any views on this draft which should be sent before the specified date. It would also be helpful if those who find the draft generally acceptable could kindly notify us accordingly.

All Communications should be addressed to:

The Director General  
Sri Lanka Standards Institution,  
17, Victoria Place,  
Elvitigala Mawatha,  
Colombo 08.

**Draft Sri Lanka Standard**  
**BIOTECHNOLOGY — PREDICTIVE COMPUTATIONAL MODELS IN**  
**PERSONALIZED MEDICINE RESEARCH —**  
**PART 1: CONSTRUCTING, VERIFYING AND VALIDATING MODELS**

**DSLS ISO/TS 9491 PART 1:**  
**(ISO/TS 9491-1: 2023)**

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**Draft Sri Lanka Standard**  
**BIOTECHNOLOGY — PREDICTIVE COMPUTATIONAL MODELS IN**  
**PERSONALIZED MEDICINE RESEARCH —**  
**PART 1: CONSTRUCTING, VERIFYING AND VALIDATING MODELS**

**NATIONAL FOREWORD**

This Sri Lanka Standard was approved by the Sectoral Committee on Food Products and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on .....

This Standard is identical with **ISO 9491-1: 2023** Biotechnology — Predictive computational models in personalized medicine research — Part 1: Constructing, verifying and validating models, which is published by the International Organization for Standardization (ISO).

This Standard specifies requirements and recommendations for the design, development and establishment of predictive computational models for research purposes in the field of personalized medicine. It addresses the set-up, formatting, validation, simulation, storing and sharing of computational models used for personalized medicine. Requirements and recommendations for data used to construct or required for validating such models are also addressed. This includes rules for formatting, descriptions, annotations, interoperability, integration, access and provenance of such data.

This Standard does not apply to computational models used for clinical, diagnostic or therapeutic purposes

**Terminology and conventions:**

The text of the International Standard has been accepted as suitable for publication, without deviation, as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standards. Attention is therefore drawn to the following:

- a) Wherever the words “International Standard” appear referring to this Standard, it should be interpreted as “Sri Lanka Standard”.
- b) The comma has been used throughout as a decimal marker. In Sri Lanka Standards it is the current practice to use the full point on the base line as the decimal marker.
- c) Wherever page numbers are quoted, they are ISO page numbers.

**Cross reference**

**International Standard**

ISO 20691: 2022, Biotechnology —  
Requirements for data formatting and description  
in the life sciences

**Corresponding Sri Lanka Standard**

SLS ISO 20691: 2022 Biotechnology —  
Requirements for data formatting and description  
in the life sciences

For Public Comments