Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility, text X[X(39)]

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# Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility, text X[X(39)]

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| Identifying and definitional attributes | |
| Metadata item type: | Data Element |
| Short name: | Antibiotic susceptibility (Methicillin-resistant Staphylococcus aureus isolate) |
| METEOR identifier: | 752282 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 09/12/2022 |
| Definition: | The antibiotic against which the Methicillin-resistant *Staphylococcus aureus* (MRSA) isolate is susceptible to, as represented by text. |
| Data Element Concept: | [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility](https://meteor.aihw.gov.au/content/752279) |
| Value Domain: | [Text X[X(39)]](https://meteor.aihw.gov.au/content/270804) |

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| Value domain attributes | | |
| Representational attributes | | |
| Representation class: | Text | |
| Data type: | String | |
| Format: | X[X(39)] | |
| Maximum character length: | 40 | |
|  | **Value** | **Meaning** |
| Permissible values: |  |  |

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| Source and reference attributes | |
| Submitting organisation: | Australian Institute of Health and Welfare |

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| Data element attributes | |
| Collection and usage attributes | |
| Guide for use: | Methicillin-resistant *Staphylococcus aureus* (MRSA) is a strain of *Staphylococcus aureus* that can survive treatment with the antibiotics normally used to treat *Staphylococcus aureus* infections.  Required for MRSA isolates only, where the *Staphylococcus aureus* is resistant to methicillin.  Must be used in conjunction with the data element [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator, yes/no code N](https://meteor.aihw.gov.au/content/752295)to indicate the overall result of testing.  For example, if the MRSA isolate is susceptible to trimethoprim, the text recorded for *Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility, text [X(39)]* would be "Trimethoprim", and [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator, yes/no code N](https://meteor.aihw.gov.au/content/752295)would be CODE 1 (Susceptible). If the MRSA isolate is tested against all antibiotics and shown to be resistant, then [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator, yes/no code N](https://meteor.aihw.gov.au/content/752295) *w*ould be CODE 2 (Resistant) and this element is not recorded. |
| Source and reference attributes | |
| Submitting organisation: | Australian Commission on Safety and Quality in Health Care |
| Origin: | ACSQHC Healthcare Associated Infection Technical Working Group |
| Relational attributes | |
| Related metadata references: | Supersedes [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility, text X[X(39)]](https://meteor.aihw.gov.au/content/391098)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 09/12/2022  See also [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator, yes/no code N](https://meteor.aihw.gov.au/content/458628)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 09/12/2022  See also [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator, yes/no code N](https://meteor.aihw.gov.au/content/752295)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 09/12/2022 |
| Implementation in Data Set Specifications: | [Surveillance of healthcare associated infection: Staphylococcus aureus bloodstream infection NBPDS](https://meteor.aihw.gov.au/content/752224)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 09/12/2022  ***Conditional obligation:***  Required where [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator, yes/no code N](https://meteor.aihw.gov.au/content/752295) is reported as CODE 1 Yes  [Surveillance of healthcare associated infection: Staphylococcus aureus bloodstream infection NBPDS](https://meteor.aihw.gov.au/content/792068)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Recorded 26/04/2024  ***Conditional obligation:***  Required where [Methicillin-resistant Staphylococcus aureus isolate—antibiotic susceptibility indicator, yes/no code N](https://meteor.aihw.gov.au/content/752295) is reported as CODE 1 Yes |