

	severity	code	details
98	error	processing	<p>Slicing cannot be evaluated: Could not match discriminator (\$this) for slice</p> <p>DiagnosticReport.category:Genetics in profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport 0.2.1 - the discriminator [\$this] does not have fixed value, binding or existence assertions</p> <p>[Bundle.entry[8].resource.category[0]]</p>
46	error	structure	<p>Observation.effective[x]: minimum required = 1, but only found 0 (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1)</p> <p>Slicing cannot be evaluated: Could not match discriminator (\$this) for slice</p> <p>[Bundle.entry[5].resource/*Observation/null*/]</p>
44	error	processing	<p>Observation.category:genomicsCategory in profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 - the discriminator [\$this] does not have fixed value, binding or existence assertions</p> <p>Slicing cannot be evaluated: Could not match discriminator (\$this) for slice</p> <p>[Bundle.entry[5].resource/*Observation/null*.category[2]]</p>
43	error	processing	<p>Observation.category:genomicsCategory in profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 - the discriminator [\$this] does not have fixed value, binding or existence assertions</p> <p>Slicing cannot be evaluated: Could not match discriminator (\$this) for slice</p> <p>[Bundle.entry[5].resource/*Observation/null*.category[1]]</p>
42	error	processing	<p>Observation.category:genomicsCategory in profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 - the discriminator [\$this] does not have fixed value, binding or existence assertions</p> <p>Slicing cannot be evaluated: Could not match discriminator (\$this) for slice</p> <p>[Bundle.entry[5].resource/*Observation/null*.category[0]]</p>
77	error	processing	<p>Observation.category:genomicsCategory in profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication 0.2.1 - the discriminator [\$this] does not have fixed value, binding or existence assertions</p> <p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 and slicing is CLOSED: Bundle.entry[5].resource/*Observation/null*.component[1].value.ofType(CodeableConcept): Does not match slice 'valueQuantity' (discriminator: (\$this is Quantity))</p> <p>[Bundle.entry[6].resource/*Observation/null*.category[1]]</p>
48	error	invalid	<p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 and slicing is CLOSED: Bundle.entry[5].resource/*Observation/null*.component[1].value.ofType(CodeableConcept): Does not match slice 'valueQuantity' (discriminator: (\$this is Quantity))</p> <p>[Bundle.entry[5].resource/*Observation/null*.component[1].value.ofType(CodeableConcept)]</p>
51	error	invalid	<p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 and slicing is CLOSED: Bundle.entry[5].resource/*Observation/null*.component[2].value.ofType(CodeableConcept): Does not match slice 'valueQuantity' (discriminator: (\$this is Quantity))</p> <p>[Bundle.entry[5].resource/*Observation/null*.component[2].value.ofType(CodeableConcept)]</p>
11	error	processing	<p>Slicing cannot be evaluated: Could not match discriminator (\$this) for slice</p> <p>Observation.category:genomicsCategory in profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1 - the discriminator [\$this] does not have fixed value, binding or existence assertions</p> <p>[Bundle.entry[2].resource/*Observation/null*.category[1]]</p>
101	error	structure	<p>Unable to find a profile match for urn:uuid:e12cc617-eac0-43e5-b68e-54c6f1a7c5c5 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation</p> <p>Slicing cannot be evaluated: Could not match discriminator (\$this) for slice</p> <p>[Bundle.entry[8].resource.result[0]]</p>
76	error	processing	<p>Observation.category:genomicsCategory in profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication 0.2.1 - the discriminator [\$this]</p> <p>[Bundle.entry[6].resource/*Observation/null*.category[0]]</p>

	severity	code	details
105	error	structure	<p>does not have fixed value, binding or existence assertions</p> <p>Unable to find a profile match for urn:uuid:86eb4381-dea9-4542-b600-c530ad4eb314 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation</p> <p>[Bundle.entry[8].resource.result[2]]</p>
79	error	structure	<p>Observation.effective[x]: minimum required = 1, but only found 0 (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication 0.2.1)</p> <p>[Bundle.entry[6].resource/*Observation/null*/]</p>
13	error	structure	<p>Observation.effective[x]: minimum required = 1, but only found 0 (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1)</p> <p>[Bundle.entry[2].resource/*Observation/null*/]</p>
80	error	invalid	<p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication 0.2.1 and slicing is CLOSED: Bundle.entry[6].resource/*Observation/null*.component[0].value.ofType(CodeableConcept): Does not match slice 'valueQuantity' (discriminator: (\$this is Quantity))</p> <p>Unable to find a profile match for urn:uuid:1dd8f255-e922-4af7-9353-697d55da9497 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation</p> <p>[Bundle.entry[6].resource/*Observation/null*.component[0].value.ofType(CodeableConcept)]</p>
103	error	structure	<p>Slicing cannot be evaluated: Could not match discriminator (\$this) for slice Observation.category:genomicsCategory in profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1 - the discriminator [\$this] does not have fixed value, binding or existence assertions</p> <p>[Bundle.entry[8].resource.result[1]]</p>
10	error	processing	<p>[Bundle.entry[2].resource/*Observation/null*.category[0]]</p>
99	error	invalid	<p>Profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport 0.2.1, Element matches more than one slice - organization, operator</p> <p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)</p> <p>[Bundle.entry[8].resource.performer[0]]</p>
56	information	informational	<p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)</p> <p>[Bundle.entry[5].resource/*Observation/null*.component[5].value.ofType(CodeableConcept)]</p>
55	information	informational	<p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)</p> <p>[Bundle.entry[5].resource/*Observation/null*.component[4].value.ofType(CodeableConcept)]</p>
67	information	informational	<p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)</p> <p>[Bundle.entry[5].resource/*Observation/null*.component[16].value.ofType(CodeableConcept)]</p>
57	information	informational	<p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)</p> <p>[Bundle.entry[5].resource/*Observation/null*.component[6].value.ofType(CodeableConcept)]</p>
53	information	informational	<p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)</p> <p>Binding for path Bundle.entry[5].resource/*Observation/null*.component[2].value.ofType(CodeableConcept)</p> <p>[Bundle.entry[5].resource/*Observation/null*.component[2].value.ofType(CodeableConcept)]</p>
52	information	code-invalid	<p>in profile StructureDefinition[https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1] has no source, so can't be checked</p> <p>[Bundle.entry[5].resource/*Observation/null*.component[2].value.ofType(CodeableConcept)]</p>
83	information	informational	<p>This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/</p> <p>[Bundle.entry[6].resource/*Observation/null*.component[1].value.ofType(CodeableConcept)]</p>

	severity	code	details
		StructureDefinition/DiagnosticImplication 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	
58	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/	[Bundle.entry[5].resource/*Observation/null*.component[7].value.ofType(CodeableConcept)]
73	information business-rule	StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	
60	information informational	Reference to draft CodeSystem https://fhir.nwgenomics.nhs.uk/CodeSystem/GenomicClinicalIndication 0.2.1	[Bundle.entry[6].resource/*Observation/null*.component[0].value.ofType(CodeableConcept)]
68	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/	
81	information code-invalid	StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	
61	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/	
62	information informational	StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	
63	information informational	StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	
71	information code-invalid	None of the codings provided are in the value set 'Observation Category Codes' (http://hl7.org/fhir/ValueSet/observation-category 4.0.1), and a coding is recommended to come from this value set (codes = http://terminology.hl7.org/CodeSystem/v2-0074#GE)	[Bundle.entry[6].resource/*Observation/null*.category[1]]
82	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/	
69	information informational	StructureDefinition/DiagnosticImplication 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	
64	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/	
65	information informational	StructureDefinition/Variant 0.2.1 (this may not be a	[Bundle.entry[5].resource/*Observation/null*.component[14].value.ofType(CodeableConcept)]

	severity	code	details
66	information informational	problem, but you should check that it's not intended to match a slice)	
59	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[15].value.ofType(CodeableConcept)]
54	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[8].value.ofType(CodeableConcept)]
78	information not-supported	Observation.category:genomicsCategory: Found 0 matches, but unable to check minimum required (Observation.category) due to lack of slicing validation (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication 0.2.1)	[Bundle.entry[6].resource/*Observation/null*/]
20	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[7].value.ofType(CodeableConcept)]
14	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept)]
15	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept)]
16	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[3].value.ofType(CodeableConcept)]
17	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[4].value.ofType(string)]
18	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[5].value.ofType(CodeableConcept)]
19	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[2].resource/*Observation/null*/.component[6].value.ofType(CodeableConcept)]
50	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[5].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept)]
97	information informational	Entry 'urn:uuid:d90a5a99-e6ab-44f7-bf1a-5e2eece92554' isn't reachable by traversing forwards from the MessageHeader. Check that this is meant to be included (needed to process the message)	[Bundle.entry[10]]
102	information structure		[Bundle.entry[8].resource.result[0]]

	severity	code	details
30	information code-invalid		Details for urn:uuid:e12cc617-eac0-43e5-b68e-54c6f1a7c5c5 matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation 0.2.1 None of the codings provided are in the value set 'Observation Category Codes' (http://hl7.org/fhir/ValueSet/observation-category 4.0.1), and a coding is recommended to come from this value set (codes = http://terminology.hl7.org/CodeSystem/v2-0074#GE)
92	information structure		Details for urn:uuid:86eb4381-dea9-4542-b600-c530ad4eb314 matching against profile http://hl7.org/fhir/StructureDefinition/Observation 4.0.1
91	information structure		Details for urn:uuid:1dd8f255-e922-4af7-9353-697d55da9497 matching against profile http://hl7.org/fhir/StructureDefinition/Observation 4.0.1
90	information structure		Details for urn:uuid:e12cc617-eac0-43e5-b68e-54c6f1a7c5c5 matching against profile http://hl7.org/fhir/StructureDefinition/Observation 4.0.1 None of the codings provided are in the value set 'Observation Category Codes' (http://hl7.org/fhir/ValueSet/observation-category 4.0.1), and a coding is recommended to come from this value set (codes = http://terminology.hl7.org/CodeSystem/v2-0074#GE)
4	information code-invalid		None of the codings provided are in the value set 'LOINC Diagnostic Report Codes' (http://hl7.org/fhir/ValueSet/report-codes 4.0.1), and a coding is recommended to come from this value set (codes = https://fhir.nhs.uk/CodeSystem/England-GenomicTestDirectory R210.2)
88	information code-invalid		Details for urn:uuid:1dd8f255-e922-4af7-9353-697d55da9497 matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation 0.2.1
104	information structure		[Bundle.entry[8].resource.result[1]]
106	information structure		[Bundle.entry[8].resource.result[2]]
45	information not-supported		Observation.category:genomicsCategory: Found 0 matches, but unable to check minimum required (Observation.category) due to lack of slicing validation (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1) This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)
47	information informational		Observation.category:genomicsCategory: Found 0 matches, but unable to check minimum required (Observation.category) due to lack of slicing validation (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/GenomicStudyPanel 0.2.1) DiagnosticReport.category:Genetics: Found 0 matches, but unable to check minimum required (DiagnosticReport.category) due to lack of slicing validation (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport 0.2.1)
12	information not-supported		[Bundle.entry[2].resource.*Observation/null*/]
100	information not-supported		[Bundle.entry[8].resource]
84	warning code-invalid		Unknown Code 'R210.2' in the CodeSystem ' https://fhir.nhs.uk/CodeSystem/England-GenomicTestDirectory ' version '0.2.1' - note that the code system is labeled as a fragment, so the code may be valid in some other fragment None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type 4.0.1), and a coding should come from this value set unless it has no suitable code (note that the
89	warning code-invalid		[Bundle.entry[7].resource.*ServiceRequest/null*/.code.codin [Bundle.entry[8].resource.*DiagnosticReport/null*/.subject.identifier.type]

	severity	code	details
85	warning	code-invalid	<p>validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)</p> <p>None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type 4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)</p> <p>Unknown Code 'R210.2' in the CodeSystem 'https://fhir.nhs.uk/CodeSystem/England'</p>
87	warning	code-invalid	<p>GenomicTestDirectory' version '0.2.1' - note that the code system is labeled as a fragment, so the code may be valid in some other fragment</p>
74	warning	code-invalid	<p>Unknown Code 'R210' in the CodeSystem 'https://fhir.nwgenomics.nhs.uk/CodeSystem/GenomicClinicalIndication' version '0.2.1' - note that the code system is labeled as a fragment, so the code may be valid in some other fragment</p>
1	warning	code-invalid	<p>None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type 4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)</p>
3	warning	invalid	<p>Best Practice Recommendation: In general, all observations should have an effective[x] ()</p>
5	warning	code-invalid	<p>None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type 4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)</p>
6	warning	not-found	<p>A definition for CodeSystem 'MedGen-Dis' could not be found, so the code cannot be validated</p>
7	warning	not-found	<p>A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/refseq' could not be found, so the code cannot be validated</p>
8	warning	not-found	<p>A definition for CodeSystem 'http://www.genenames.org' could not be found, so the code cannot be validated</p>
24	warning	code-invalid	<p>None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type 4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)</p>
29	warning	invalid	<p>Best Practice Recommendation: In general, all observations should have an effective[x] ()</p>
31	warning	code-invalid	<p>None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type 4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH)</p>
32	warning	not-found	<p>A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/clinvar' could not be found, so the code cannot be validated</p>
34	warning	not-found	<p>A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/refseq' could not be found, so the code cannot be validated</p>
35	warning	not-found	<p>A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated</p>
36	warning	not-found	<p>A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated</p>

severity	code	details
37 warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/refseq' could not be found, so the code cannot be validated [Bundle.entry[5].resource/*Observation/null*/.component[7].value.ofType(CodeableConcept).coding]
38 warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated [Bundle.entry[5].resource/*Observation/null*/.component[8].value.ofType(CodeableConcept).coding]
39 warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/projects/SNP' could not be found, so the code cannot be validated [Bundle.entry[5].resource/*Observation/null*/.component[12].value.ofType(CodeableConcept).coding]
40 warning	not-found	A definition for CodeSystem 'Chrom-Loc' could not be found, so the code cannot be validated [Bundle.entry[5].resource/*Observation/null*/.component[13].value.ofType(CodeableConcept).coding]
49 warning	not-found	A definition for CodeSystem 'http://www.genenames.org' version 'null' could not be found, so the code cannot be validated. Valid versions: 3.0.0 or 3.1.0 [Bundle.entry[5].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept).coding]
70 warning	invalid	Best Practice Recommendation: In general, all observations should have an effective[x] () None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type 4.0.1), and a coding should come from this value set unless it has no suitable code (note that the validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH) [Bundle.entry[6].resource/*Observation/null*/]
33 warning	not-found	A definition for CodeSystem 'http://www.genenames.org' could not be found, so the code cannot be validated [Bundle.entry[5].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept).coding]