

	severity	code	details
95	error	structure	Unable to find a profile match for urn:uuid:fe649c4b-e6ee-4902-8914-eaf59d6566c8 among choices: http://hl7.eu/fhir/base/StructureDefinition/medicalTestResult-eu-core, http://hl7.org/fhir/StructureDefinition/ImagingStudy 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))
70	error	invalid	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))
67	error	invalid	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))
97	error	invalid	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))
117	error	structure	Unable to find a profile match for urn:uuid:c162ab57-75c4-4252-8f2b-79d2494895b4 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation
115	error	structure	Unable to find a profile match for urn:uuid:fe649c4b-e6ee-4902-8914-eaf59d6566c8 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation
113	error	processing	Slicing cannot be evaluated: Could not match discriminator (\$this) for slice 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
63	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)
61	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)
81	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)
65	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)
80	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

	severity	code	details
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)	[Bundle.entry[5].resource/*Observation/null*.component[1].value.ofType(string)]
79	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[9].value.ofType(string)]
78	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)]
77	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[7].value.ofType(CodeableConcept)]
76	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[6].value.ofType(CodeableConcept)]
75	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[5].value.ofType(CodeableConcept)]
66	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[0].value.ofType(CodeableConcept)]
73	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[3].value.ofType(CodeableConcept)]
72	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[2].value.ofType(CodeableConcept)]
64	information informational	Binding for path Bundle.entry[5].resource/*Observation/null*.component[2].value.ofType(CodeableConcept) in profile StructureDefinition[https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1] has no source, so can't be checked	[Bundle.entry[5].resource/*Observation/null*.component[1].value.ofType(CodeableConcept)]
71	information code-invalid	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[2].value.ofType(CodeableConcept)]
69	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)]
74	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[4].value.ofType(CodeableConcept)]

	severity	code	details
0	information informational	problem, but you should check that it's not intended to match a slice)	
83	information informational	A definition could not be found for Canonical URL ' https://fhir.nwgenomics.nhs.uk/Endpoint/IGENE ' but a definition can be found for ' http://fhir.nwgenomics.nhs.uk/Endpoint/IGENE ' - change from https: to http:	[Bundle.entry[0].resource/*MessageHeader/null*.source.en
118	information structure	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[13].value.ofType(CodeableConcept)]
116	information structure	Details for urn:uuid:c162ab57-75c4-4252-8f2b-79d2494895b4 matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation 0.2.1	[Bundle.entry[8].resource.result[2]]
114	information not-supported	Details for urn:uuid:fe649c4b-e6ee-4902-8914-eaf59d6566c8 matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation 0.2.1	[Bundle.entry[8].resource.result[1]]
112	information informational	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)	[Bundle.entry[8].resource]
107	information structure	Entry 'urn:uuid:2bab159e-2b6a-4b35-8eb8-657ec6fce961' 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]]
106	information structure	Details for urn:uuid:fe649c4b-e6ee-4902-8914-eaf59d6566c8 matching against profile http://hl7.org/fhir/StructureDefinition/Observation 4.0.1	[Bundle.entry[8].resource/*DiagnosticReport/null*.result[2]]
104	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)	[Bundle.entry[8].resource/*DiagnosticReport/null*.code]
99	information informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication 0.2.1 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[6].resource/*Observation/null*.component[0].value.ofType(CodeableConcept)]
98	information code-invalid	Binding for path Bundle.entry[6].resource/*Observation/null*.component[0].value.ofType(CodeableConcept) in profile StructureDefinition[https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication 0.2.1] has no source, so can't be checked	[Bundle.entry[6].resource/*Observation/null*.component[0].value.ofType(CodeableConcept)]
96	information structure	Details for urn:uuid:fe649c4b-e6ee-4902-8914-eaf59d6566c8 matching against profile http://hl7.eu/fhir/base/StructureDefinition/medicalTestResult-eu-core 2.0.0-ballot	[Bundle.entry[6].resource/*Observation/null*.derivedFrom[
92	information business-rule	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)]
91	information structure	Details for urn:uuid:fe649c4b-e6ee-4902-8914-eaf59d6566c8 matching against profile http://hl7.org/fhir/StructureDefinition/Observation 4.0.1	[Bundle.entry[6].resource/*Observation/null*.derivedFrom[
89	information code-invalid		[Bundle.entry[6].resource/*Observation/null*.category[1]]

	severity	code	details
22	information informational	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)]
57	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[5].resource/*Observation/null*.component[10].value.ofType(CodeableConcept)]
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[1].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[8].value.ofType(CodeableConcept)]
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[7].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[6].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[5].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[4].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[3].value.ofType(CodeableConcept)]
13	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)]
12	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)]
11	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[0].value.ofType(CodeableConcept)]
6	information business-rule	Reference to draft CodeSystem https://fhir.nwgenomics.nhs.uk/CodeSystem/GenomicClinicalIndication 0.2.1	[Bundle.entry[2].resource/*Observation/null*.component[1].value.ofType(CodeableConcept)]
4	information code-invalid		[Bundle.entry[2].resource/*Observation/null*.category[1]]

	severity	code	details
26	information informational		<p>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)</p> <p>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)</p>
35	information code-invalid		<p>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)</p> <p>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)</p>
21	information informational		<p>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)</p>
51	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>
50	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>
49	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>
48	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>
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>
52	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>
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>
54	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>
103	warning	code-invalid	<p>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</p>
105	warning	code-invalid	<p>None of the codings provided are in the value set 'IdentifierType' (http://hl7.org/fhir/ValueSet/identifier-type)</p>

	severity	code	details
9	warning	not-found	<p>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>A definition for CodeSystem 'http://www.genenames.org' could not be found, so the code cannot be validated</p>
8	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>
7	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>
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>
2	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>
101	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>
37	warning	not-found	<p>A definition for CodeSystem 'http://www.genenames.org' could not be found, so the code cannot be validated</p>
38	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>
36	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>
39	warning	not-found	<p>A definition for CodeSystem 'http://www.genenames.org' could not be found, so the code cannot be validated</p>
30	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>
40	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>
41	warning	not-found	<p>A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated</p>
42	warning	not-found	<p>A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated</p>
100	warning	code-invalid	<p>Unknown Code 'R210.2' in the CodeSystem 'https://fhir.nhs.uk/CodeSystem/England-GenomicTestDirectory' version '0.2.1' - note that the</p>

	severity	code	details
		code system is labeled as a fragment, so the code may be valid in some other fragment	
43	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]
45	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]
90	warning	code-invalid	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*.subject.identifier.type]
46	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]
93	warning	code-invalid	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 [Bundle.entry[6].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept).coding]
68	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]
44	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]