

	severity	code	details	expression
0	error	invalid	Object must have some content 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 Profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/	[Bundle.entry[2].resource.component[14].value[x].coding[0]]
58	error	processing	DiagnosticReport 0.2.1 - the discriminator [\$this] does not have fixed value, binding or existence assertions Profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/	[Bundle.entry[8].resource.category[0]]
59	error	invalid	DiagnosticReport 0.2.1, Element matches more than one slice - organization, operator Unable to find a profile match for urn:uuid:549490ee-d237-4d28-834b-4797f91fc329 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant Unable to find a profile match for urn:uuid:ee4b0b6b-d186-403f-a4e9-ff6210e693ac among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation Unable to find a profile match for urn:uuid:549490ee-d237-4d28-834b-4797f91fc329 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation Unable to find a profile match for urn:uuid:b5e2e0ea-993c-4d5b-b581-a00d67a57ba5 among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation Unable to find a profile match for urn:uuid:ee4b0b6b-d186-403f-a4e9-ff6210e693ac among choices: https://fhir.nwgenomics.nhs.uk/StructureDefinition/ DiagnosticImplication DiagnosticReport.category:Genetics: Found 0 matches, but unable to check minimum required	[Bundle.entry[8].resource.performer[0]]
63	error	structure		[Bundle.entry[8].resource.result[1]]
69	error	structure		[Bundle.entry[8].resource.result[2]]
65	error	structure		[Bundle.entry[8].resource.result[1]]
61	error	structure		[Bundle.entry[8].resource.result[0]]
67	error	structure		[Bundle.entry[8].resource.result[2]]
60	information	not-supported	(DiagnosticReport.category) due to lack of slicing validation (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport 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)	[Bundle.entry[8].resource]
43	information	code-invalid		[Bundle.entry[6].resource/*Observation/null*.category[1]]
30	information	code-invalid		[Bundle.entry[5].resource/*Observation/null*.category[1]]

severity	code	details	expression	
70	information structure	<p>coding is recommended to come from this value set (codes = http://terminology.hl7.org/CodeSystem/v2-0074#GE)</p> <p>Details for urn:uuid:ee4b0b6bd186-403f-a4e9-ff6210e693ac matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation 0.2.1</p> <p>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#R185.1)</p> <p>Details for urn:uuid:ee4b0b6bd186-403f-a4e9-ff6210e693ac matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticImplication 0.2.1</p> <p>Details for urn:uuid:549490eed237-4d28-834b-4797f91fc329 matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation 0.2.1</p> <p>Details for urn:uuid:b5e2e0ea-993c-4d5b-b581-a00d67a57ba5 matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Observation 0.2.1</p> <p>Details for urn:uuid:549490eed237-4d28-834b-4797f91fc329 matching against profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/Variant 0.2.1</p> <p>Entry 'urn:uuid:7ee9d7ba-20e9-4f0fb6b8-eb7bf6e16f50' isn't reachable by traversing forwards from the MessageHeader. Check that this is meant to be included (needed to process the message)</p> <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>Best Practice Recommendation: In general, all observations should have an effective[x] ()</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>	[Bundle.entry[8].resource.result[2]]	
51	information code-invalid		[Bundle.entry[8].resource/*DiagnosticReport/null*.code]	
68	information structure		[Bundle.entry[8].resource.result[2]]	
66	information structure		[Bundle.entry[8].resource.result[1]]	
62	information structure		[Bundle.entry[8].resource.result[0]]	
64	information structure		[Bundle.entry[8].resource.result[1]]	
57	information informational		[Bundle.entry[10]]	
5	information code-invalid		[Bundle.entry[2].resource/*Observation/null*.category[1]]	
42	warning invalid		[Bundle.entry[6].resource/*Observation/null*/]	
44	warning code-invalid		[Bundle.entry[6].resource/*Observation/null*.subject.identifier.type]	

severity	code	details	expression
45 warning	not-found	A definition for CodeSystem 'MedGen-Dis' could not be found, so the code cannot be validated 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) Unknown Code 'R185.1' in the CodeSystem ' https://fhir.nhs.uk/CodeSystem/England '	[Bundle.entry[6].resource/*Observation/null*.component[0].value.ofType(CodeableConcept).coding[0].system]
48 warning	code-invalid	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 validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH) Unknown Code 'R185.1' in the CodeSystem ' https://fhir.nhs.uk/CodeSystem/England '	[Bundle.entry[7].resource/*ServiceRequest/null*.subject.identifier.type]
50 warning	code-invalid	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 validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH) Unknown Code 'R185.1' in the CodeSystem ' https://fhir.nhs.uk/CodeSystem/England '	[Bundle.entry[8].resource/*DiagnosticReport/null*.code.coding[0].code]
52 warning	code-invalid	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 validator cannot judge what is suitable) (codes = http://terminology.hl7.org/CodeSystem/v2-0203#NH) Unknown Code 'R185.1' in the CodeSystem ' https://fhir.nhs.uk/CodeSystem/England '	[Bundle.entry[8].resource/*DiagnosticReport/null*.subject.identifier.type]
47 warning	code-invalid	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 A definition for CodeSystem 'Chrom-Loc' could not be found, so the code cannot be validated	[Bundle.entry[7].resource/*ServiceRequest/null*.code.coding[0].code]
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[12].value.ofType(CodeableConcept).coding[0].system]
36 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[4].value.ofType(CodeableConcept).coding[0].system]
38 warning	not-found	A definition for CodeSystem ' http://varnomen.hgvs.org ' could not be found, so the code cannot be validated 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[5].resource/*Observation/null*.component[7].value.ofType(CodeableConcept).coding[0].system]
2 warning	code-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[1].resource/*Patient/null*.identifier[0].type]
4 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[2].resource/*Observation/null*/]
6 warning	code-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[2].resource/*Observation/null*.subject.identifier.type]
7 warning	not-found		

	severity	code	details	expression
8	warning	not-found	A definition for CodeSystem 'MedGen-Dis' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[1].value.ofType(CodeableConcept).coding[0].system]
9	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[2].resource/*Observation/null*/.component[2].value.ofType(CodeableConcept).coding[0].system]
10	warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/clinvar' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[4].value.ofType(CodeableConcept).coding[0].system]
11	warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/clinvar' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[5].value.ofType(CodeableConcept).coding[0].system]
12	warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/clinvar' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[6].value.ofType(CodeableConcept).coding[0].system]
13	warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/clinvar' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[7].value.ofType(CodeableConcept).coding[0].system]
14	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[8].value.ofType(CodeableConcept).coding[0].system]
15	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[9].value.ofType(CodeableConcept).coding[0].system]
16	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[10].value.ofType(CodeableConcept).coding[0].system]
17	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[11].value.ofType(CodeableConcept).coding[0].system]
18	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[12].value.ofType(CodeableConcept).coding[0].system]
19	warning	not-found	A definition for CodeSystem 'http://varnomen.hgvs.org' could not be found, so the code cannot be validated	[Bundle.entry[2].resource/*Observation/null*/.component[13].value.ofType(CodeableConcept).coding[0].system]
24	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[4].resource/*DocumentReference/null*/.subject.identifier.type]
29	warning	invalid	Best Practice Recommendation: In general, all observations should have an effective[x] ()	[Bundle.entry[5].resource/*Observation/null*/]
31	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	[Bundle.entry[5].resource/*Observation/null*/.subject.identifier.type]

severity	code	details	expression
		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)	
32 warning	not-found	A definition for CodeSystem 'http://www.ncbi.nlm.nih.gov/clinvar' could not be found, so the code cannot be validated	[Bundle.entry[5].resource/*Observation/null*/.component[0].value.ofType(CodeableConcept).coding[0].system]
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[0].system]
34 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[2].value.ofType(CodeableConcept).coding[0].system]
35 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[3].value.ofType(CodeableConcept).coding[0].system]
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[6].value.ofType(CodeableConcept).coding[0].system]
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[11].value.ofType(CodeableConcept).coding[0].system]