severity	code	details	expression
9 error	code-invalid	The value provided ('application/pdf') was not found in the value set 'MimeType' (http://hl7.org/fhir/ValueSet/mimetypes|4.0.1), and a code is required from this value set (error message = The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1': include #0 has system urn:ietf:bcp:13 which could not be found, and the server returned error [No server available]; The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1')	[Bundle.entry[3].resource/*DocumentReference/null*/.content[0].attachment.contentType]
30 error	structure	DiagnosticReport.resultsInterpreter.identifier: minimum required = 1, but only found 0 (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport|0.1.0)	[Bundle.entry[6].resource.resultsInterpreter[0]]
29 error	structure	DiagnosticReport.resultsInterpreter.type: minimum required = 1, but only found 0 (from https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport|0.1.0)	[Bundle.entry[6].resource.resultsInterpreter[0]]
3 error	unknown	The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1': include #0 has system urn:ietf:bcp:13 which could not be found, and the server returned error [No server available]	[Bundle.entry[2].resource/*Binary/null*/.contentType]
4 error	unknown	The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1'	[Bundle.entry[2].resource/*Binary/null*/.contentType]
5 error	code-invalid	The value provided ('application/pdf') was not found in the value set 'MimeType' (http://hl7.org/fhir/ValueSet/mimetypes|4.0.1), and a code is required from this value set (error message = The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1': include #0 has system urn:ietf:bcp:13 which could not be found, and the server returned error [No server available]; The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1')	[Bundle.entry[2].resource/*Binary/null*/.contentType]
22 error	unknown	The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1': include #0 has system urn:ietf:bcp:13 which could not be found, and the server returned error [No server available]	[Bundle.entry[6].resource/*DiagnosticReport/null*/.presentedForm[0].contentType]
7 error	unknown	The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1': include #0 has system urn:ietf:bcp:13 which could not be found, and the server returned error [No server available]	[Bundle.entry[3].resource/*DocumentReference/null*/.content[0].attachment.contentType]
8 error	unknown	The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1'	[Bundle.entry[3].resource/*DocumentReference/null*/.content[0].attachment.contentType]
23 error	unknown	The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1'	[Bundle.entry[6].resource/*DiagnosticReport/null*/.presentedForm[0].contentType]
24 error	code-invalid	The value provided ('application/pdf') was not found in the value set 'MimeType' (http://hl7.org/fhir/ValueSet/mimetypes|4.0.1), and a	[Bundle.entry[6].resource/*DiagnosticReport/null*/.presentedForm[0].contentType]

severity	code	details	expression
		code is required from this value set (error message = The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1': include #0 has system urn:ietf:bcp:13 which could not be found, and the server returned error [No server available]; The System URI could not be determined for the code 'application/pdf' in the ValueSet 'http://hl7.org/fhir/ValueSet/mimetypes|4.0.1')	
15 information	business-rule	Reference to draft CodeSystem https://fhir.nwgenomics.nhs.uk/CodeSystem/GenomicClinicalIndication|0.1.0	[Bundle.entry[5].resource/*ServiceRequest/null*/.reasonCode[0]]
20 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.nwgenomics.nhs.uk/CodeSystem/IGEAP#CCP19v1_R112, https://fhir.nhs.uk/CodeSystem/England-GenomicTestDirectory#R112.1)	[Bundle.entry[6].resource/*DiagnosticReport/null*/.code]
26 information	informational	Entry 'urn:uuid:e3d62277-a4cd-4804-9d84-99a6ff6cf82c' isn't reachable by traversing forwards from the MessageHeader. Check that this is meant to be included (needed to process the message)	[Bundle.entry[8]]
27 information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport|0.1.0 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[6].resource.resultsInterpreter[0]]
28 information	informational	This element does not match any known slice defined in the profile https://fhir.nwgenomics.nhs.uk/StructureDefinition/DiagnosticReport|0.1.0 (this may not be a problem, but you should check that it's not intended to match a slice)	[Bundle.entry[6].resource.code.coding[0]]
21 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/*DiagnosticReport/null*/.subject.identifier.type]
25 warning	invariant	Constraint failed: dom-6: 'A resource should have narrative for robust management' (defined in http://hl7.org/fhir/StructureDefinition/DomainResource) (Best Practice Recommendation)	[Bundle.entry[6].resource/*DiagnosticReport/null*/]
0 warning	invariant	Constraint failed: dom-6: 'A resource should have narrative for robust management' (defined in http://hl7.org/fhir/StructureDefinition/DomainResource) (Best Practice Recommendation)	[Bundle.entry[0].resource/*MessageHeader/null*/]
16 warning	code-invalid	Unknown Code 'R112' in the CodeSystem 'https://fhir.nwgenomics.nhs.uk/CodeSystem/GenomicClinicalIndication' version '0.1.0' - note that the code system is labeled as a fragment, so the code may be valid in some other fragment	[Bundle.entry[5].resource/*ServiceRequest/null*/.reasonCode[0].coding[0].code]
18 warning	not-found	A definition for CodeSystem 'https://fhir.nwgenomics.nhs.uk/CodeSystem/IGEAP' could not be found, so the code cannot be validated	[Bundle.entry[6].resource/*DiagnosticReport/null*/.code.coding[0].system]

	severity	code	details	expression
17	warning	invariant	Constraint failed: dom-6: 'A resource should have narrative for robust management' (defined in http://hl7.org/fhir/ StructureDefinition/DomainResource) (Best Practice Recommendation)	[Bundle.entry[5].resource/*ServiceRequest/null*/]
31	warning	not-found	A definition for CodeSystem 'urn:ietf:bcp:13' could not be found, so the code cannot be validated	[Bundle.entry[6].resource.presentedForm[0].contentType.system]
14	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[5].resource/*ServiceRequest/ null*/.subject.identifier.type]
13	warning	code-invalid	Unknown Code 'R112.1' in the CodeSystem 'https://fhir.nhs.uk/CodeSystem/England-GenomicTestDirectory' version '0.1.0' - note that the code system is labeled as a fragment, so the code may be valid in some other fragment	[Bundle.entry[5].resource/*ServiceRequest/ null*/.code.coding[0].code]
12	warning	invariant	Constraint failed: dom-6: 'A resource should have narrative for robust management' (defined in http://hl7.org/fhir/ StructureDefinition/DomainResource) (Best Practice Recommendation)	[Bundle.entry[4].resource/*Specimen/null*/]
11	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/*Specimen/ null*/.subject.identifier.type]
10	warning	invariant	Constraint failed: dom-6: 'A resource should have narrative for robust management' (defined in http://hl7.org/fhir/ StructureDefinition/DomainResource) (Best Practice Recommendation)	[Bundle.entry[3].resource/*DocumentReference/null*/]
6	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[3].resource/*DocumentReference/ null*/.subject.identifier.type]
2	warning	invariant	Constraint failed: dom-6: 'A resource should have narrative for robust management' (defined in http://hl7.org/fhir/ StructureDefinition/DomainResource) (Best Practice Recommendation)	[Bundle.entry[1].resource/*Patient/null*/]
1	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[1].resource/*Patient/null*/.identifier[0].type]
19	warning	code-invalid	Unknown Code 'R112.1' in the CodeSystem 'https://fhir.nhs.uk/CodeSystem/England-GenomicTestDirectory' version '0.1.0' - note that the code system is labeled as a fragment, so the code may be valid in some other fragment	[Bundle.entry[6].resource/*DiagnosticReport/ null*/.code.coding[1].code]
32	warning	code-invalid		[Bundle.entry[6].resource.presentedForm[0].contentType]

severity	code	details	expression
		A definition for CodeSystem 'urn:ietf:bcp:13' could not be found, so the code cannot be validated	