

Category	Assertions	Constraints <b>Assert.That([object condition], [constraint], [argument n, n+1, ...])</b>
<i>Equality</i>	<b>Assert.AreEqual</b> <b>Assert.AreNotEqual</b>	Is.EqualTo Is.Not.EqualTo  ...IgnoreCase ...AsCollection ...NoClip ...Within(object tolerance) .Ulps .Percent .Days .Hours .Minutes .Seconds .Milliseconds .Ticks ...Using(IEqualityComparer comparer) ...Using(IEqualityComparer<T> comparer) ...Using(Comparer comparer) ...Using(Comparer<T> comparer) ...Using(Comparison<T> comparer)
<i>Identity</i>	<b>Assert.AreSame</b> <b>Assert.AreNotSame</b> <b>Assert.Contains</b>	Is.SameAs Is.Not.SameAs
<i>Condition</i>	<b>Assert.IsTrue</b> <b>Assert.True</b> <b>Assert.IsFalse</b> <b>Assert.False</b> <b>Assert.IsNull</b> <b>Assert.Null</b> <b>Assert.IsNaN</b> <b>Assert.IsEmpty</b> <b>Assert.IsNotEmpty</b>	Is.Null Is.Not.Null Is.True Is.False Is.NaN Is.Not.NaN Is.Empty Is.Unique
<i>Comparison</i>	<b>Assert.Greater</b> <b>Assert.GreaterOrEqual</b> <b>Assert.Less</b> <b>Assert.LessOrEqual</b>	Is.GreaterThan Is.GreaterThanOrEqualTo Is.AtLeast Is.LessThan Is.LessThanOrEqualTo Is.AtMost Is.InRange  ...Using(Comparer comparer) ...Using(Comparer<T> comparer) ...Using(Comparison<T> comparer)

Category	Assertions	Constraints <b>Assert.That([object condition], [constraint], [argument n, n+1, ...])</b>
<i>Paths</i>		Is.SamePath Is.SamePathOrUnder  ...IgnoreCase ...RespectCase
<i>Types</i>	Assert.IsInstanceOfType Assert.IsNotInstanceOfType Assert.IsAssignableFrom Assert.IsNotAssignableFrom Assert.IsInstanceOf<T> Assert.IsNotInstanceOf<T> Assert.IsAssignableFrom<T> Assert.IsNotAssignableFrom<T>	Is.TypeOf Is.Not.TypeOf Is.InstanceOfType Is.Not.InstanceOfType Is.AssignableFrom Is.Not.AssignableFrom
<i>Exceptions</i>	Exception Assert.Throws T Assert.Throws<T> Void Assert.DoesNotThrow Exception Assert.Catch T Assert.Catch<T>	Throws.Exception Throws.TargetInvocationException Throws.ArgumentException Throws.InvalidOperationException Throws.TypeOf Throws.TypeOf<T> Throws.InstanceOf Throws.InstanceOf<T> Throws.Nothing Throws.InnerException
<i>Utilities</i>	Assert.Pass Assert.Fail Assert.Ignore Assert.Inconclusive	
<i>Strings</i>	StringAssert.Contains StringAssert.StartsWith StringAssert.EndsWith StringAssert.AreEqualIgnoreCase StringAssert.IsMatch	Is.StringContaining Is.Not.StringContaining Contains.Substring Contains <sup>1</sup> Is.StringStarting Is.Not.StringStarting StartsWith <sup>2</sup> Is.StringEnding Is.Not.StringEnding EndsWith <sup>3</sup> Is.StringMatching Is.Not.StringMatching Matches <sup>4</sup>  ...IgnoreCase

<sup>1</sup> May appear only in the body of a constraint expression or when the inherited syntax is used.

<sup>2</sup> See footnote 1.

Category	Assertions	Constraints Assert.That([object condition], [constraint], [argument n, n+1, ...])
<i>Collections</i>	CollectionAssert.AllItemsAreInstancesOfType CollectionAssert.AllItemsAreNotNull CollectionAssert.AllItemsAreUnique CollectionAssert.AreEqual CollectionAssert.AreEquivalent CollectionAssert.AreNotEqual CollectionAssert.AreNotEquivalent CollectionAssert.Contains CollectionAssert.DoesNotContain CollectionAssert.IsSubsetOf CollectionAssert.IsNotSubsetOf CollectionAssert.IsEmpty CollectionAssert.IsNotEmpty CollectionAssert.IsOrdered	Is.All... Has.All... Has.Some... Has.None... Has.No... Is.Unique Has.Member Has.No.Member Contains.Item Is.EquivalentTo Is.Not.EquivalentTo Is.SubsetOf  Is.Ordered  ...Descending ...By(string propertyName) ...Using(IComparer comparer) ...Using(IComparer<T> comparer) ...Using(Comparison<T> comparer)
<i>Files</i>	FileAssert.AreEqual FileAssert.AreNotEqual	
<i>Directories</i>	DirectoryAssert.AreEqual DirectoryAssert.AreNotEqual DirectoryAssert.IsEmpty DirectoryAssert.IsNotEmpty DirectoryAssert.IsWithin DirectoryAssert.IsNotWithin	
<i>Properties</i>		...Has.Property ...Has.Length ...Has.Count
<i>Compound Constraints</i>		Is.Not... Is.All... [constraint] & [constraint] [constraint]   [constraint]
<i>Delayed Constraints</i>		...After
<i>List Mapper</i>		List.Map Map <sup>5</sup>

All assertions are taken from the [NUnit 2.5.3 documentation](#). All errors are most likely the author's fault. Please email me at [me@nicholascloud.com](mailto:me@nicholascloud.com) should you find any.

<sup>3</sup> See footnote 1.

<sup>4</sup> See footnote 1.

<sup>5</sup> See footnote 1.