Claims:

1. A biodegradable test kit comprising a first molded body section and a second molded body section configured to be attached to the first molded body section for holding a test strip between the first molded body section and second molded body section, wherein the first molded body section and the second molded body section are composed of a material that comprises of from 50 weight percent to 99.5 weight percent polyhydroxyalkanoate.

2. The biodegradable test kit of claim 1, wherein the polyhydroxyalkanoate is selected from the group consisting of homopolymer, a copolymer, a terpolymer, and mixtures thereof of a hydroxyalkanoate.

3. The biodegradable test kit of claim 1 or claim 2, wherein the polyhydroxyalkanoate comprises poly-3-hydroxybutyrate-co-3-hydroxyhexanoate.

4. The biodegradable test kit of any one of claims 1 to 3, wherein the polyhydroxynoate comprises a terpolymer made up of from 75 mole percent to 99.9 mole percent monomer residues of 3-hydroxybutyrate, of from 0.1 mole percent to 25 mole percent monomer residues of 3-hydroxyhexanoate, and of from 0.1 mole percent to 25 mole percent monomer residues of a 3-hydoxyalkanoate having from 5 to 12 carbon atoms, wherein the first molded body section and the second molded body section are biodegradable as determined by ASTM D5988.

5. The biodegradable test kit of claim 1, wherein the first molded body section and the second molded body section comprises a major amount of the polyhydroxyalkanoate and a minor amount of one or more additional biodegradable polymers selected from the group consisting of polycaprolactone, polylactic acid, polybutylene succinate, polybutylene succinate-co-butylene adipate, polybutylene adipate terephthalate, other biodegradable polymers, and mixtures thereof.

6. A method for making a biodegradable test kit, comprising molding a first body section and a second body section of the biodegradable test kit are composed of a material that comprises of from 50 weight percent to 99.5 weight percent polyhydroxyalkanoate;

attaching a test indicator strip to one of the first body section and the second body section, and

attaching the first and second body sections to one another so that the test strip is between the first body section and the second body section.

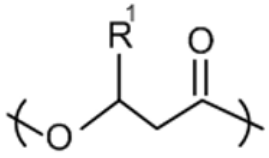
7. The method of claim 6, wherein the polyhydroxyalkanoate is selected from the group consisting of homopolymer, a copolymer, a terpolymer, and mixtures thereof of a hydroxyalkanoate.

8. The method of claim 6 or claim 7, wherein the polyhydroxyalkanoate comprises poly-3-hydroxybutyrate-co-3-hydroxyhexanoate.

9. The method of claim 6, wherein the polyhydroxynoate comprises a terpolymer made up of from 75 mole percent to 99.9 mole percent monomer residues of 3-hydroxybutyrate, of from 0.1 mole percent to 25 mole percent monomer residues of 3-hydroxyhexanoate, and of from 0.1 mole percent to 25 mole percent monomer residues of a third 3-hydoxyalkanoate having from 5 to 12 carbon atoms, wherein the first molded body section and the second molded body section are biodegradable as determined by ASTM D5988.

10. The method of claim 6, where the first and second body sections comprise a major amount of polyhydroxyalkanoate and a minor amount of one or more additional biodegradable polymers selected from the group consisting of polycaprolactone, polylactic acid, polybutylene succinate, polybutylene succinate-co-butylene adipate, polybutylene adipate terephthalate, and mixtures thereof.

11. A biodegradable kit comprising a molded body section having at least one sample well defined therein, wherein the molded body section is composed of a biodegradable polymeric material composed of a polyhydroxyalkanoate having monomeric repeating units of the formula:



wherein R^1 is selected from the group consisting of CH_3 and a C_3 to C_{19} alkyl group and wherein at least 50 mol% of the monomeric repeating units of the biodegradable polymer have CH_3 as R^1.

12. The biodegradable kit of claim 11, wherein a minor portion of the monomeric repeating units have R^1 selected from alkyl groups containing from 3 to 19 carbon atoms.

13. The biodegradable kit of claim 11, wherein the polyhydroxyalkanoate is selected from the group consisting of a homopolymer, a copolymer, a terpolymer, and mixtures thereof of a hydroxyalkanoate.

14. The biodegradable kit of claim 11, wherein the polyhydroxyalkanoate comprises 75 mole percent to 99.9 mole percent monomer residues of 3-hydroxybutyrate, from 0.1 mole percent to 25 mole percent monomer residues of 3-hydroxyhexanoate, and from 0.1 mole percent to 25 mole percent monomer residues of a 3-hydoxyalkanoate having from 5 to 12 carbon atoms.

15. The biodegradable kit of claim 11, further comprising a second molded body section, wherein the second molded body section is composed of a material that comprises between 50 weight percent to 99.5 weight percent polyhydroxyalkanoate.